The Engineer

Tabular Summary of Civil Engineering Contracts

1957

THIS Supplement consists of tables giving some brief particulars of important civil engineering schemes upon which work was proceeding during 1957. Only those schemes for which contracts have already been awarded or are due to be awarded by the end of 1957 have been included. The information upon which the tables have been based was obtained from consulting engineers, port authorities, river boards, water authorities, some steel companies, certain municipal and county councils, the British Transport Commission (British Railways, Docks, Waterways, and London Transport), the Ministry of Transport and Civil Aviation and certain oil companies. Our thanks are due to all the firms and organisations that have co-operated with us.

The tables are for the most part self-explanatory. Many bodies, such as river boards and port authorities, have their own engineering staffs and employ no consulting engineers. In such cases the body concerned is entered in the second column as the supervising authority; where the chief engineer of such a body has acted in conjunction with the consulting engineers or is himself directing the work his name is entered in italics. The entries under " Nature of Scheme and Notes " are designed to convey an impression of the nature and also the magnitude of the works, but do not necessarily mention more than the more important items. They include reference to any features of particular interest. Sub-contractors are excluded from the " Contractors " column, and only if responsible for a very substantial part of the work are contractors other than those for civil engineering works mentioned. The " Estimated Cost " is that of the complete scheme except where the alignment shows it to be that of one of the component contracts.

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Works such as dams, bridges and tunnels are included under the relevant heading in the above list.

Contracts below £50,000 in value are not included in the Supplement unless they form part of a larger scheme. In the sections " Steelworks " and " Structural and Industrial," contracts valued below £100,000 are not included.

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		AIRPORTS (HOME)				
Ministry of Transport and Civil Aviation	Sir William Halcrow & Partners; Ewbank & Partners, Ltd.; G. H. Buckle & Partners	London Airport: central terminal buildings	Taylor Woodrow, Ltd.; Redpath Brown & Co., Ltd.	4,000,000	Oct. 1951	Mar. 1957
Ditto	Frederick S. Snow & Partners	Gatwick Airport: runway, taxi tracks and hardstandings	Sir A. McAlpine & Son, Ltd. ..	1,807,000	1955	1958
		control tower	Gilbert Ash Ltd.	90,000	Oct. 1956	—
		terminal building	Turriff Constr. Co.	939,000	1957	1958
		AIRPORTS (ABROAD)				
Plan Organisation: Govt. of Iran	Brian Colquhoun & Partners.	Mehrabad (Tehran): terminal building, extensions to runways, taxiways, access roads, drainage and buildings	Messrs. Sentab	1,200,000	1956	1958
		Abadan: roads, extension to runway, new taxiways; flood protection and other works	Not yet let	2,300,000	1957	—
		Shiraz: flood protection and main contract for runway, drainage, etc.	IranRah, Iran	815,000	1957	1959
		Isfahan: roads, extension to runway, new taxiway, drainage, etc.	K.G.T., Ltd., Iran	80,000	1957	1958
Govt. of Jamaica P.W.D.	Sir Alexander Gibb & Partners	Runway, taxiways and aprons for new airfield at Palisadoes	J. Mowlem & Co., Ltd.	1,000,000	Oct. 1956	—
Crown Agents for Overseas Governments and Administration	Ditto	Extension of existing runway and construction of new terminal apron at Golden Rock airfield, St. Kitts	Not yet let	175,000	Dec. 1957	—
Govt. of Jamaica ..	Norman and Dawbarn ..	Terminal building at Palisadoes Airport	Not yet let	388,000	1958	1960
		Terminal buildings and apron at Montego Bay Airport	Not yet let	163,000	1958	1959
Govt. of the Bahamas	Ditto	Terminal buildings at Windsor Field Airport, Nassau	Higgs & Hill, Ltd.	248,000	1956	1957
Govt. of Malta ..	Ditto	Terminal buildings and apron at Luqa Airport	Cementstone, Ltd.	318,000	1955	1957
Hashemite Kingdom of The Jordan	Frederick S. Snow & Partners	Amman Airport: maintenance hangar, extension to aprons and apron lighting	Not yet let	130,000	1958	—
		Jerusalem Airport: extension and strengthening of runway	Not yet let	233,000	1958	—
		approach and obstruction lighting	Not yet let	94,000	1958	—
Hong Kong Govt. ..	Scott & Wilson, Kirkpatrick & Partners, Hong Kong.	Kai Tak Airport: site development, reclamation, runway and terminal buildings	Societe Francaise d'Entreprises de Dragages et de Travaux Publics	7,000,000	1955	1959
		COAST PROTECTION (HOME)				
Otterspool River Wall, Liverpool	Coode & Partners; *H. T. Hough, M.I.C.E.*	Construction of river wall, 4,925ft. long; reclamation, 70 acres	G. Dew & Co., Ltd.	1,413,589	May 1955	1958
Groden Foreshore ..	East Sussex River Board; *C. H. H. Mercer, A.M.I.C.E.*	Construction of timber and faggot groynes, strengthening of shingle bank	Direct labour	80,000	1954	1959
Pevensey Bay West Outfall	Ditto	Reconstruction of tidal outfall	Ditto	74,000	1954	1958
Point Clear Bay and St. Osyth Tower Estate	Essex River Board; *E. L. Snell, A.M.I.C.E.*	Piled r.c. parapet and decking; improvement of embankments; revetment of seaward face with concrete blockwork	Direct labour	77,000	1956	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		COAST PROTECTION (HOME) *(continued)*				
Tollesbury Wick Marshes	Essex River Board; *E. L. Snell, A.M.I.C.E.*	Improvement of embankments and revetment of seaward face with concrete blockwork. New land drainage sluice	Direct labour	70,000	1956	1958
Holliwell to Burnham-on-Crouch	Ditto	Improvement of embankments and revetment of seaward face with concrete blockwork and grouted ragstone	Direct labour	143,650	1955	1958
Withernsea U.D.C.	John H. Haiste & Partners (incorporating Silcock & Simpson)	Sea defences	G. Dew & Co., Ltd.; part not yet let	520,000	1953	—
Rother Area: Wall and Foreshore	Kent River Board; *J. I. Taylor, M.I.C.E.*	Protection of sea defences	Direct labour	145,000	1957	1960
Seaham U.D.C. ..	Lewis & Duvivier	Protection of magnesium limestone cliffs against sea erosion; ¾ miles of sea wall, 17 groynes, cliff stabilisation	R. Robinson & Co. (Contrs.), Ltd.; Tarslag, Ltd.	220,000	Mar. 1952	June 1957
Kent River Board and Sheppey R.D.C.	Ditto	Flood and coast protection scheme at Leysdown; 1¼ miles of sea wall, 65 groynes	Hilton, Sarsfield, Ltd.; Sir R. McAlpine & Son, Ltd.; R. Robinson & Co. (Contrs.), Ltd.	220,000	Sept. 1953	Sept. 1957
Whitstable U.D.C.	Ditto	Sea defences, cliff protection and flood walls; improvement to post-surge standard; 2 miles sea wall, 72 groynes	R. Robinson & Co. (Contrs.), Ltd.; Mears Bros. (Contrs.), Ltd.; J. W. Ellingham, Ltd.	260,000	Nov. 1951	Dec. 1957
Chichester R.D.C.; Selsey sea defence scheme	Ditto	Stabilisation of Selsey peninsula and adjoining coastline; 2 miles of sheet piled and concrete walls, 56 groynes	R. Robinson & Co. (Contrs.), Ltd.	326,000	June 1953	Dec. 1957
Aberayron U.D.C.	Ditto	Concrete sea walls; steel and timber groynes; permeable steel and rubble breakwater; improvement of harbour	R. Robinson & Co. (Contrs.), Ltd.	50,000	Mar. 1954	Aug. 1957
Norfolk Coastline: East Suffolk and Norfolk River Board	Ditto	Three miles of sea wall and 16 groynes between Seal Palling and Winterton	J. Laing & Sons, Ltd.; Harbour and General Works, Ltd.; J. A. Sandover & Co.	500,000	June 1953	Jan. 1958
Fleetwood B.C.; West shore defences	Ditto	New sea walls and aprons closing breaches in defences; strengthening existing walls; groyne reconstruction	Harbour & General Works, Ltd.; M. J. Gleeson (Contrs.), Ltd.; R. Robinson & Co. (Contrs.), Ltd.	520,000	Mar. 1955	Mar. 1958
Herne Bay U.D.C.	Ditto	Sea defences at Reculver and Studd Hill; ¾ miles of sea walls and 38 groynes	R. Robinson & Co. (Contrs.), Ltd.; Concrete Piling, Ltd.	178,000	Apr. 1957	Aug. 1959
Sea Wall South of Chapel Point	Lincolnshire River Board; *F. H. Tomes. M.I.C.E.*	Bitumen-grouted slag-pitched bank, r.c. wave wall, steel piled toe	W. G. C. Hammond, Ltd.	147,000	Nov. 1955	1957
Jackson's Corner Skegness	Ditto	Asphalt, timber and grouted stone groynes; r.c. wave wall and gabion work repair of stepwork, toe piling	Lehane, Mackenzie & Shand, Ltd.; W. G. C. Hammond, Ltd.; direct labour	104,000	Aug. 1956	1957
Sea wall for Tynemouth C.B.	Maurice Nachshen & Partners	Reshaping and drainage of unstable river bank; reconstruction of toe wall	R. Costain, Ltd.	73,000	1954	1957
Hunstanton U.D.C.	Scott & Wilson, Kirkpatrick & Partners	Construction of sea walls and groynes ..	R. Robinson & Co. (Contrs.) Ltd.	75,000	Nov. 1954	1957
Plank Wall—Peterstone	Usk River Board; *G. McLeod, M.I.C.E.*	Sea wall reconstruction	Direct labour; D. I. Williams ..	115,000	June 1956	1958
Mazor Pill — Cold Harbour	Ditto	Sea wall reconstruction	Direct labour	47,000	June 1956	1957
		DRAINAGE & SEWAGE WORKS (HOME)				
Clackmannan C.C.; County drainage	Babtie, Shaw & Morton	Sewers connecting with joint purification works	McBride & Co.; F. J. C. Lilley, Ltd.; part not yet let	115,000	Nov. 1954	—
West Lothian C.C.;	Ditto	Fauldhouse drainage: sewerage and purification works	Casey & Darragh; F. J. C. Lilley, Ltd.	90,000	Oct. 1954	Dec. 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE AND SEWAGE WORKS (HOME) *(continued)*				
Blackridge drainage	Babtie, Shaw & Morton ..	Sewerage and purification works	J. Smart; Jas. Miller & Ptnrs., Ltd.	70,000	Oct. 1954	Oct. 1957
Livingstone Station drainage	Ditto	Sewerage and purification works	Lanarkshire Bldrs., Ltd.	60,000	Feb. 1957	1958
Broxburn drainage	Ditto	Sewerage and purification works	A. McCracken & Co. (part)	180,000	Mar. 1957	1958
Maybole T.C. ..	Ditto	Sewerage and purification works	Crowley, Russell & Co., Ltd. ..	75,000	Dec. 1955	Aug. 1957
Grangemouth T.C.; Airfield site	Ditto	1¼ miles roads, ¼ mile 30in. to 42in. sewers, ¼ mile 12in. dia. s.i. water mains, distribution pipes	Stuart Construction Ltd.	110,000	Apr. 1955	1958
Kilmarnock T.C.; drainage extension	Ditto	78in. sewer extension and storm tank, river syphon	Crowley, Russell & Co., Ltd. ..	135,000	1955	Oct. 1957
Alnwick U.D.C. ..	D. Balfour & Sons ..	Sewerage and sewage	Not yet let	87,000	—	—
Borough of Altrincham	Ditto	Sewerage, sewage disposal and surface water drainage	J. Miller & Ptnrs.	650,000	Mar. 1956	Mar. 1958
			Not yet let	300,000	—	—
Berkhamstead U.D.C.	Ditto	Reconstruction of sewage disposal works	Howard Farrow, Ltd.	147,000	Aug. 1955	Apr. 1957
Borough of Blyth ..	Ditto	Cowpen area sewerage and sewage disposal	G. Bailey, Ltd.	73,000	Nov. 1954	June 1957
Bagshot R.D.C. ..	Ditto	Sewerage and sewage disposal	H. Osman & Co., Ltd.	364,000	May 1956	May 1958
Boldon U.D.C. ..	Ditto	Whitburn sewerage and surface water drainage	Tarslag, Ltd.	57,000	Apr. 1957	—
Buckingham R.D.C.	Ditto	Padbury and Adstock sewerage and sewage disposal	Brooks & Johnson, Ltd.	73,500	July 1957	Jan. 1959
Clare R.D.C.	Ditto	Cavendish main sewerage	Biggs, Wall & Co., Ltd.	58,500	Oct. 1957	Jan. 1959
Colne Valley U.D.C.	Ditto	Sewerage	M.R.Q. Constr. Co., Ltd.	180,000	Jan. 1956	July 1957
Eastry R.D.C. ..	Ditto	Eastry sewerage and sewage disposal ..	M. J. Gleeson (Contrs.), Ltd. ..	95,000	May 1956	Nov. 1957
Filey U.D.C.	Ditto	Main sewerage	Ruddock & Meighan, Ltd. ..	173,000	Dec. 1954	Mar. 1957
Hatfield R.D.C. ..	Ditto	Hatfield New Town's sewerage and surface water drainage	W. Moss & Sons, Ltd.	255,000	Mar. 1956	Sept. 1957
Hitchin R.D.C. ..	Ditto	Whitwell sewerage and sewage disposal ..	P. P. Taylor, Ltd.	65,000	July 1956	Oct. 1957
Hoddesdon U.D.C. ..	Ditto	Sewage disposal	Not yet let	80,000	—	—
Luddendon Foot Joint Sewerage Board	Ditto	Sewage disposal works	Not yet let	100,000	—	—
Malling R.D.C. ..	Ditto	Sewerage and sewage disposal	T. H. Contractors, Ltd.	320,000	June 1956	June 1958
Peterlee Development Corporation	Ditto	Storage tank and sea outfall	Harbour & General Works, Ltd.	134,000	Sept. 1957	Sept. 1959
Spennymoor U.D.C.	Ditto	Middleton Moor sewerage	G. M. Pearson & Son, Ltd. ..	58,000	Apr. 1956	June 1957
Wycombe R.D.C. ..	Ditto	Wooburn Valley sewerage and sewage disposal	J. L. Eve Construction Co., Ltd. Hussey, Egan & Pickmere, Ltd.	1,380,000	—	—
High level intercepting sewer	Belfast Corporation: *J. E. F. Anderson, M.I.C.E.*	Sewer to relieve existing drainage system	Concrete Piling, Ltd.	448,000	May 1955	May 1959
Cliftonville Circus to Limestone Road	Ditto	Sewer to relieve existing drainage system	P. J. Walls & Bros., Ltd.	102,000	—	—
Bedford R.D.C. ..	Binnie, Deacon & Gourley	30 miles stoneware sewers, 5 miles asbestos cement rising mains, 15 pumping stations and 4 disposal works	Kottler & Heron, Ltd.	678,000	1954	1957
Biggleswade R.D.C.	Ditto	6½ miles stoneware sewers, 1 mile asbestos cement rising main, 2 pumping stations and a sewage disposal works	M. J. Gleeson (Contrs.), Ltd. ..	243,000	1955	1957
Congleton R.D.C. ..	Ditto	2¼ miles stoneware sewers, 3/8ths miles asbestos cement rising mains, 2 pumping stations and a disposal works	M.R.Q. Constr. Co., Ltd.	79,400	1956	1957

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		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Spilsby R.D.C. ..	Binnie, Deacon & Gourley	6½ miles stoneware sewers, 1½ miles asbestos cement rising main, 8 pumping stations and a sewage disposal works	H. Boot & Sons, Ltd.	205,000	1954	1957
Cole Valley Eastern outfall sewer	City of Birmingham Corporation; *Sir Herbert J. Manzoni, M.I.C.E.*	Reconstruction of main valley sewer ..	Turriff Constr. Corp.	374,000	June 1955	Aug. 1957
Bourn Brook improvement	Ditto	Widening, deepening and re-aligning of the Bourn Brook	Humphries & Page	73,800	June 1957	1958
Minworth Works ..	Birmingham Tame and Rea District Drainage Board; *M. R. Vincent Daviss, M.I.C.E.*	Sixteen 80ft. dia. sludge digestion tanks with gas collectors, gas-fired sludge heaters, pumping plant, etc.	Tarmac Limited	854,307	Jan. 1956	—
Norton Green Works	Ditto	Sedimentation tanks, percolating filters and humus tanks with sludge digestion tanks and drying area	Kottler & Heron, Ltd.	122,887	Mar. 1957	—
Sludge treatment works	Ditto	Additional 12.75 acres of sludge drying beds	Direct labour	61,300	June 1957	—
Fife C.C.	Blyth & Blyth	Trunk sewer	F. J. C. Lilley (Contrs.), Ltd. ..	60,000	1957	1957
Northern storm water intercepting sewer	Bristol C.B.C.; *J. B. Bennett, M.I.C.E.*	16ft. dia. tunnel with 7ft. dia. subsidiary sewers in tunnel; concrete lined shafts up to 18ft. dia. and 180ft. deep, with c.i. drop pipes	A. E. Farr, Ltd.	1,426,500	Feb. 1951	1958
			Not yet let	1,350,000	—	—
Blackburn R.D.C. ..	Arnold Brooksbank & Son	Billington, Langho and Copster Green sewerage and sewage disposal	B. B. Kirk & Co., Ltd.	118,000	May 1956	Dec. 1957
Meltham U.D.C. ..	Ditto	Helme and Wilshaw sewerage: reconstruction of sewage disposal works	Not yet let	95,000	1957	1959
Darlington R.D.C.	Ditto	Middleton St. George, sewerage and disposal	Not yet let	80,000	—	—
		Harworth sewerage and disposal	Not yet let	50,000	—	—
Stokesley R.D.C. ..	Ditto	Sewerage and disposal in several parishes	Not yet let	250,000	—	—
Northallerton R.D.C.	Ditto	Sewerage and disposal in several parishes	Not yet let	100,000	—	—
North Thames Gas Board	Brian Colquhoun & Partners.	Effluent treatment plant at tar and ammonia products works, Beckton	Sir R. McAlpine & Sons, Ltd. ..	152,000	June 1955	Feb. 1957
Borough of Dorchester	A. P. I. Cotterell & Son	Sewerage and sewage disposal works ..	Net yet let	230,000	—	—
Dursley R.D.C. ..	Ditto	Sewerage and sewage disposal works for Dursley, Uley, Cam and Coaley	Tarmac, Ltd.; Costelloe and Kemple, Ltd.	260,000	Sept. 1955	—
Borough of Glastonbury	Ditto	Sewage and trade effluent disposal works	A. E. Farr, Ltd.	170,000	Mar. 1956	1958
Borough of Hampstead	Ditto	48in. and 27in. dia. storm relief sewers—Kilburn area	J. Mowlem & Co., Ltd.	110,000	Apr. 1957	1958
Lothingland R.D.C.	Ditto	Sewerage and sewage disposal works for various parishes	W. Ames, Ltd.; H. A. Holmes, Ltd.; A. R. Cleghorn & Co., Ltd.	200,000	1951	—
Barrow-upon-Soar R.D.C.	Ditto	Sewerage of various parishes and extensions to Queniborough disposal works	Not yet let	140,000	—	—
Stirling T.C. ..	Crouch & Hogg	Main drainage, sewers and purification works	McBride & Co.; Lanarkshire Builders, Ltd.	160,000	1954	1958
Driffield U.D.C. ..	John Dossor	Driffield sewerage and purification works	Stennev Contrs., Ltd.	211,160	May 1956	Aug. 1958
Holderness R.D.C.	Ditto	Burstwick, Keyingham and Thorngumbald sewage purification works	Kettlewell, Son & Co., Ltd. ..	139,600	Oct. 1957	Feb. 1958
		Bilton sewage purification works	Cawood Wharton & Co., Ltd. ..	66,400	1954	Mar. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Arnold U.D.C. ..	Elliott & Brown.	Storm relief scheme	E. Somerfield & Son, Ltd.; part not yet let	115,950	1954	—
Long Eaton U.D.C.	Ditto	Sewage disposal works extensions		235,000	1955	—
Beeston & Stapleford U.D.C.	Ditto	Sewage disposal works extensions		101,600	1955	—
		Sewerage at Dobshill and other parishes	Whitley Bros.; part not yet let	75,000	1954	—
Shardlow R.D.C. ..	Ditto	Sewerage and sewage disposal		125,000	1956	—
Kiveton Park R.D.C.	Ditto	Sewerage at Letwell, North Anston and Harthill with Woodall	John Hadfield & Sons, Ltd. ..	60,000	1954	—
Welton R.D.C. ..	Ditto	Saxilby sewerage and sewage disposal ..	Tolfree & Co., Ltd.	70,000	1956	1958
Bingham R.D.C. ..	Ditto	Bingham sewerage and sewage disposal ..	E. Somerfield & Sons, Ltd. ..	82,000	1956	1957
Newark R.D.C. ..	Ditto	Collingham sewerage and sewage disposal	International Dev. Co., Ltd. ..	110,000	1955	1957
Lexden & Winstree R.D.C.	Ditto	West Bergholt sewerage and sewage disposal	W. B. Kingsbury & Sons, Ltd.	75,000	1955	1957
		Dedham sewage disposal works	—			
Stafford R.D.C. ..	Ditto	Great Haywood sewerage	P. Prendergast, Ltd. ..	120,000	1955	1957
		Milford, Walton and Brocton sewerage ..	—			
Forehoe & Henstead R.D.C.	Ditto	Porlingland and Costessey sewerage and sewage disposal	W. Ames, Ltd.; Martin Cowley, Ltd.; part not yet let	215,000	1955	1958
Borough of Dunstable	Sandford Fawcett & Partners	Reconstruction of sewage disposal works	W. A. Dawson, Ltd.	225,000	Apr. 1955	Dec. 1957
		21in. and 24in. dia. sewer	Not yet let	57,000	Dec. 1957	Oct. 1958
Melford R.D.C. ..	Ditto	Sewerage and sewage disposal works ..	Not yet let	96,000	Dec. 1957	June 1959
St. Helens B.C. ..	Ditto	Sewage disposal works	Simon-Carves, Ltd.	1,000,000	Aug. 1953	Dec. 1957
Abergele U.D.C. ..	Ditto	Sewerage and sea outfall	J. McGeoch & Sons, Ltd.	97,000	Jan. 1955	Nov. 1957
		Sewerage	A. E. Farr, Ltd.	194,000	May 1956	Dec. 1958
Hayes & Harlington U.D.C.	Ditto	Sewerage	Ruddock & Meighan, Ltd. ..	67,000	Oct. 1957	Oct. 1958
River Ore purification scheme	Fife C.C.; *C. Huddlestone, A.M.I.C.E.*	5 miles of 27in. steel sewer	Direct labour	125,000	1957	1958
Westhorn & Tollcross sewer	Corpn. of Glasgow; *J. M. Riddet, A.M.I.C.E.*	Construction of intercepting sewer ..	J. Drysdale & Co., Ltd.	155,000	Oct. 1956	Sept. 1957
Borough of Bridlington	John H. Haiste and Partners (incorporating Silcock & Simpson).	Sewerage	Sangwin, Ltd.; Wallwin (Pumps), Ltd.	69,000	1956	1958
East Retford R.D.C.	Ditto	Everton and Mattersey sewerage and sewage disposal	E. Jacklin (Civil Engrs.), Ltd.; Tuke & Bell, Ltd.	53,000	1957	1959
Featherstone U.D.C.	Ditto	Pumping station and sewage disposal works	McLauchlans (Knottingley), Ltd.; W. Birch & Sons, Ltd.; Adams-Hydraulics, Ltd.	80,000	1956	1958
Glanford Brigg R.D.C.	Ditto	Bottesford and Messingham sewerage ..	P. P. Taylor (Doncaster), Ltd.; Adams-Hydraulics, Ltd.	147,000	1955	1957
		Hibaldstow sewerage	E. Jacklin (Civil Engrs.), Ltd. ..	55,000	1957	1959
Grimsby R.D.C. ..	Ditto	Laceby sewerage	Taylor & Coulbeck, Ltd.; Adams-Hydraulics, Ltd.	52,000	1957	1959
Louth R.D.C. ..	Ditto	Tetney, North Thoresby and Holton-le-Clay sewerage	F. A. Would, Ltd.	50,000	1957	1958
Welton R.D.C. ..	Ditto	Bunkers Hill and Nettleham sewage disposal and sewerage	Butterley Co., Ltd.; Adams-Hydraulics, Ltd.; W. E. Farrer, Ltd.	120,000	1955	1958
North Kesteven R.D.C.	Ditto	Metheringham sewerage and sewage disposal	Winton Constr. Co., Ltd.	50,000	1956	1958
		Washingborough, Heighington and Branston sewerage	Lane Bros. (Mansfield), Ltd.; Adams-Hydraulics, Ltd.	220,000	1956	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Axminster R.D.C.	John H. Haiste and Partners (incorporating Silcock and Simpson).	Kilmington, Whitford and Musbury Sewerage	Hadphaltic Constr. Co., Ltd. ..	84,500	1957	1959
Borough of Fleetwood	Ditto	Sewerage	Sulzer Bros. (London), Ltd.; part not yet let	400,000	1954	—
Brixham U.D.C. ..	Ditto	Sewerage	A. E. Farr, Ltd.	120,000	1956	1958
Glanford Brigg R.D.C.	Ditto	Barrow-upon-Humber sewerage	Winton Constr. Co., Ltd.; Adams-Hydraulics, Ltd.	136,000	1957	1958
Ashburton & Buckfastleigh U.D.C.'s Joint Sewerage	Harvey McGill & Hayes.	Sewage disposal works and main sewer ..	Devon Contrs., Ltd.	125,000	May 1956	Mar. 1958
Borough of Calne	Ditto	Reconstruction of sewage disposal works	Ernest Ireland (Contrs.), Ltd. ..	79,100	Apr. 1956	Apr. 1958
Devizes R.D.C. ..	Ditto	Lavingtons sewerage and sewage disposal works	Hadsphaltic Constr. Co., Ltd. ..	89,650	Sept. 1956	Mar. 1958
Ambrosia, Ltd. ..	Ditto	Trade waste treatment works for factory at Lifton, Devon	James Dennis & Son, Ltd. ..	57,000	Sept. 1957	Mar. 1958
Reed & Smith, Ltd.	Ditto	Trade waste treatment works at Higher Kings Mills and Stoke Canon Mills	C. J. Unwin & Sons, Ltd.	50,000	June 1957	June 1958
Kidsgrove U.D.C. ..	Sir Herbert Humphries & McDonald.	Reconstruction of Red Bull disposal works; connecting sewer from Rookery	Not yet let	150,000	—	—
Rhayader R.D.C. ..	Ditto	Sewerage and sewage disposal scheme ..	Rhay Roads, Ltd.	75,000	—	—
Chanctonbury R.D.C.	Howard Humphreys & Sons	Sewers and sewage disposal works at Steyning	S. M. Tidy, Ltd.	180,000	1955	1957
Abingdon R.D.C. ..	Ditto	Main drainage of Southern parishes ..	Ruddock & Meighan, Ltd. ..	185,000	1955	1957
			Not yet let	115,000	1957	1959
Borough of Hentley	Ditto	Sewage works and pumping station ..	Tilbury Constr. Co., Ltd.	97,000	1955	1957
Basingstoke R.D.C.	Ditto	Main drainage of Sherborne St. John ..	Walden & Sons; H. N. Edwards and Partners, Ltd.	65,000	1955	1957
		Main drainage of Basing	A. J. Dunning & Sons (Weyhill), Ltd.	63,000	1957	1958
Wokingham R.D.C.	Ditto	Main drainage of Woodley	Ruddock & Meighan, Ltd. ..	166,000	1955	1957
Horsham R.D.C. ..	Ditto	Main drainage of Rudgwick	Not yet let	66,000	1957	1959
St. Ives R.D.C. ..	Ditto	Main drainage of Somersham	A. E. Farr, Ltd.	140,000	1954	1957
Hartley Wintney R.D.C.	Ditto	Main drainage of Crondall	Riley & Whishaw, Ltd.	53,000	1955	1957
		Main drainage of Blackwater and Yateley	Hadsphaltic Constr. Co., Ltd. ..	126,000	1957	1959
Borough of Weymouth & Melcombe Regis	Ditto	Main drainage of Preston	Avonmouth Plant & Constr. Co., Ltd.	146,000	1955	1957
Cookham R.D.C. ..	Ditto	Main drainage of Cookham	T. Morris & Sons (Gloucester), Ltd.	195,000	1956	1958
Witney R.D.C. ..	Ditto	Main drainage of Bampton	Tilbury Constr. Co., Ltd.	85,000	1956	1958
Brackley R.D.C. ..	Ditto	Main drainage of Helmdon and of Farthinghoe	A. H. Busby (Buckingham), Ltd.; R. A. M. Crowther	93,000	1955	1957
County Borough of Reading	Ditto	Sewage disposal works, relief sewers, pumping stations and rising mains	Collier & Catley, Ltd.; A. Streeter & Co., Ltd.; Pulsometer Eng. Co., Ltd.; Hartleys (Stoke-on-Trent), Ltd.; part not yet let	1,962,000	1956	1961
Richmond Main Sewerage Board	Ditto	Kew Works; extension of sludge drying beds	H. Brown, Ltd.	81,000	1957	1958
Shaftesbury R.D.C.	Ditto	Main drainage of Gillingham	Not yet let	118,000	1957	1959
Ruislip-Northwood U.D.C.	Ditto	Victoria Road relief sewer	W. Old, Ltd.	50,000	1957	1958
Luton R.D.C. ..	Ditto	Main drainage of Caddington	A. D. Peirce, Ltd.	103,000	1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Warblington and Westbourne Joint Drainage Committee	Howard Humphreys & Sons	Extensions to Thornham sewage disposal works	J. Croad, Ltd.	56,500	1957	1959
Easthampstead R.D.C.	Ditto	Extensions to Sandhurst sewage disposal works	Not yet let	100,000	1957	1959
Tenterden R.D.C.	Ditto	Main drainage of Woodchurch	Not yet let	50,000	1957	1959
Wombwell U.D.C.	Husband & Co.	Sewerage and sewage disposal	Not yet let	80,000	Nov. 1957	1958
Whiston R.D.C.	Ditto	Knowsley drainage scheme; sewerage and sewage disposal	Not yet let	90,000	Jan. 1957	1958
Dorking & Horley R.D.C.	G. B. Kershaw & Kaufman	Sewerage of Charlwood	G. S. Faulkner & Sons, Ltd.	120,000	1955	1957
		Gatwick Airport connection	Ditto	70,000	1957	1957
		Horley sewage disposal works extensions	Not yet let	100,000	1958	1960
Bebington Corporation	Ditto	Dibbin Valley trunk sewer and 60in. outfall	Land & Marine Contrs. Ltd.; part not yet let	420,000	1957	—
Hazel Grove and Bramhall U.D.C.	Ditto	Extensions to treatment works	J. McGeoch & Sons, Ltd.	217,000	1955	1958
Marple U.D.C.	Ditto	Trunk Valley sewer	Bosworth & Wakeford, Ltd.	50,000	1957	—
Norman Cross R.D.C.	Ditto	11¼ miles of sewers, 7in. to 18in., five pumping stations and rising mains; sewerage and disposal for rural areas	Hadsphaltic Constr. Co., Ltd.; part not yet let	330,000	1950	—
Alderley Edge and Wilmslow U.D.C.'s	Ditto	Outfall sewer and joint sewage treatment works	Not yet let	190,000	1958	—
South Kesteven R.D.C.	Ditto	8¾ miles of sewers, 7in. to 15in. six pumping stations and sewage treatment works	C. V. Buchan & Co., Ltd.	370,000	1954	1957
Sale Corporation	Ditto	Dredging and reconstruction of Brooks' drain	G. Dew & Co.	100,000	1953	1957
		Trunk sewers, up to 6ft. 6in. dia.	C. V. Buchan & Co., Ltd.	600,000	1956	1959
		Extensions to treatment works	Not yet let	400,000	1958	1960
Wem U.D.C.	Ditto	Sewerage and sewage treatment works	P. Prendergast, Ltd.; part not yet let	90,000	1954	1959
Wilmslow U.D.C.	Ditto	Ballin Valey outfall sewer and extensions to northern treatment works; Handforth sewerage and Dean Valley outfall sewer	Bosworth & Wakeford, Ltd.; part not yet let	450,000	1957	1961
Castle Ward R.D.C.	Eric G. Lediard	Ponteland, Darras Hall & Woolsington main drainage	Harbour & General Works, Ltd.	566,000	Dec. 1954	May 1958
			Not yet let	60,000	May 1958	Aug. 1959
Consett U.D.C.	Ditto	New sewage disposal works at Knitsley	G. Bailey, Ltd.	58,000	May 1956	May 1958
Durham R.D.C	Ditto	Belmont sewerage and disposal works	Not yet let	85,000	—	—
Morpeth R.D.C.	Ditto	Broadlyne development scheme: main drainage, roads, etc.	Not yet let	720,000	—	—
Brudenell Road relief sewer	City of Leeds: *D. Currie, M.I.C.E.*	Relief and storm overflow sewer in tunnel and open cut, 5ft. max. dia.	M. Harrison & Co., Ltd.	230,000	Oct. 1955	Nov. 1957
Balm Valley relief culvert	Ditto	R.C. culvert, 1⅜ miles, max. size 5ft. 6in. by 5ft. 6in.	M. Harrison & Co., Ltd.	185,000	June 1956	Feb. 1958
Eastern main relief sewer	Leicester C.B.; *J. L. Beckett, M.I.C.E.*	Main drainage and foul water overflow	Direct labour	60,000	Aug. 1957	June 1958
Barnstaple Borough and R.D.C.'s	Lemon & Blizard	Regional scheme: three pumping stations, rising main up to 12in. dia.; 9in., 15in. and 24in. dia. sewers, digestion tanks	J. Dennis & Son, Ltd.	55,000	1957	1959
Hailsham R.D.C.	Ditto	Pevensey and Westham sewerage; 15in. dia. sea outfall pumping station, settlement and storage tanks	H. Pannett, Ltd.	60,000	1956	1958
Kingsclere & Whitchurch R.D.C.	Ditto	Sewage disposal works and 9in. dia. trunk sewers	H. Osman & Co., Ltd.	60,000	1956	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Maldon R.D.C. ..	Lemon & Blizard	Southminster sewerage and sewage disposal scheme	W. & C. French, Ltd.	95,000	1955	1957
		Tollesbury sewerage and disposal scheme	W. & C. French, Ltd.	50,500	1955	1957
Newquay U.D.C. ..	Ditto	Three pumping stations, rising mains up to 7in.; 6 miles sewers, up to 18in. dia.	Reed & Mallik, Ltd.	85,000	1955	1958
Portslade & Southwick Sewerage Board	Ditto	Shoreham Harbour works: 48in. diameter c.i. sea outfall	J. T. Mackley & Co., Ltd.	130,000	1956	1958
Romsey & Stockbridge R.D.C.	Ditto	7¼ miles of 9in. and 6in. dia. sewers, pumping station and pumping main	Bridgwater Bros., Ltd.	125,000	1955	1957
		4 miles of 12in., 9in. and 6in. dia. sewers	S. M. Tidy, Ltd.	50,000	1955	1957
South Cambridgeshire R.D.C.	Ditto	Melbourn sewerage: 6in. to 9in. sewers, pumping station, pumping main, disposal works	Slater Bros. (Glemsford), Ltd. ..	60,000	1955	1957
Uckfield R.D.C. ..	Ditto	Crowborough main sewerage and sewage disposal	Tilbury Constr. Co., Ltd.	155,000	1956	1958
Winchester R.D.C.	Ditto	19 miles of sewers up to 15in. dia., pumping station and purification works	Tilbury Constr. Co., Ltd.	275,000	1957	1959
Liverpool C.B.C. ..	Liverpool C.B.C.; *H. T. Hough, M.I.C.E.*	North disposal works extensions; settlement and humus tanks pipelines	Direct labour	594,597	1954	—
		Kirkby main drainage	The Norwest Constr. Co., Ltd. ..	227,000	1955	1957
		Childwall Valley sewers	Direct labour	108,170	1956	1957
		Much Woolton Western sewer	Direct labour	64,400	1956	1957
Belper U.D.C. ..	Charles J. Lomax & Son	Renewal of pumping plant at sub-pumping stations and sewerage of Farnah Green and Chevin Side	Bowmer & Kirkland; Pulsometer Eng. Co., Ltd.	50,000	Dec. 1955	Dec. 1957
Walton - le - Dale U.D.C.	Ditto	Sewers, 9in. to 30in. dia., and pumping station	Melville, Dundas & Whitson, Ltd.	154,000	Dec. 1954	Mar. 1957
Preston R.D.C. ..	Ditto	Longton & district sewerage and sewage disposal	Messrs. R. T. Haley & Co., Ltd.; Brown & Jackson, Ltd.	420,000	Nov. 1957	Nov. 1960
Northern Outfall Works, Beckton, E.6	London County Council; *J. Rawlinson, M.I.C.E.*	Diffused air plant; six sets of aeration channels, fifteen final settling tanks, air mains, sludge mains, pumping station, control house, etc.	R. Costain, Ltd.; Dorr Oliver Co., Ltd.; and others	2,700,000	1954	1958
		Sludge digestion plant: sixteen digestion tanks, four dewatering tanks, secondary digestion tanks, pumping stations, gas holders, etc.	Demolition & Constr., Co., Ltd.; Dorr Oliver Co., Ltd.; Clayton Sons & Co.; and others	2,000,000	1956	1958
		Power house substructure for eight gas turbines, five air blowers, three alternators and other plant	R. Costain, Ltd.; Ruston and Hornsby, Ltd.; and others	1,000,000	1954	1957
Northern Outfall Sewer	Ditto	Reconstruction of bridge superstructure conveying sewer over railway near Plaistow Station, and repair of sewers	Wilson Lovatt & Co., Ltd. ..	231,000	1955	1958
Southern Outfall Works	Ditto	New river wall, outfall, etc.	Higgs & Hill, Ltd.	167,000	1957	1958
		New sewage treatment plant: detritus pits; sedimentation tanks; aeration plant; sludge digestion plant; pump, screen, meter and power houses; new jetty, etc.	Not yet let (certain mechanical contracts let in 1957)	9,800,000	1958	1963
Ranelagh Sewer, West Hampstead Branch & Alexandra Road Relief	Ditto	Construction of 5ft. 3in. sewer	W. & C. French, Ltd.	267,000	Apr. 1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Sewage disposal works, Stoke Bardolph	Nottingham C.B.; *R. M. Finch, M.I.C.E.*	Construction of aeration plant and power house	Ames Crosta Mills Co., Ltd.; W. H. Allen, Sons & Co., Ltd.; Lee, How & Co., Ltd.; direct labour	1,556,000	Jan. 1956	Dec. 1961
Midlothian C.C. Regional scheme	Partridge, Earp & Partners.	Sewerage, storm water treatment works, sludge recovery works	Jacksons (Edinburgh), Ltd.; and others	820,000	1950	1958
Ashby-de-la-Zouch R.D.C.	Pick, Everard, Keay & Gimson	Sewers and sewage works for four parishes	C. Williamson & Co., Ltd.; K. B. Benfield & Co., Ltd.; Divis (Contrs.), Ltd.	95,000	1954	1958
Bourne U.D.C. ..	Ditto	Reconstruction of sewage disposal works and sewers	P. P. Taylor (Doncaster), Ltd. ..	75,000	1957	1959
Brixworth R.D.C. ..	Ditto	Sewers and sewage works for eight parishes	Tandy & Richmond, Ltd.; Adkins & Shaw, Ltd.; C. Williamson & Co., Ltd., J. E. Lucas, Ltd., etc.	215,000	1955	1959
Grantham Corporation	Ditto	Mowbeck culvert and Grange sewer .	Hadsphaltic Constr. Co. Ltd. ..	198,000	1957	1959
Huntingdon R.D.C.	Ditto	Sewage works, etc., for Brampton and Sawtry	Prime, Ltd.; H. J. Firman, Ltd.	63,000	1955	1957
Kettering R.D.C. ..	Ditto	Sewers and sewage works	T. Woods (Leicester), Ltd.; B. A. Evans; Galliford & Sons, Ltd.	63,000	1957	1958
Oakham R.D.C. ..	Ditto	Sewers and sewage works	A. F. Carr & Co., Ltd., and others	83,000	1956	1958
Ramsey U.D.C. ..	Ditto	Sewers, pumping stations and sewage disposal works	K. B. Benfield & Co., Ltd.;	150,000	1957	1960
Wigston U.D.C. ..	Ditto	Sewage works, etc., and storm sewers ..	Crowley, Russell & Co., Ltd.; Hadsphaltic Constr. Co., Ltd.	82,000	1955	1957
Denbigh Corporation	W. H. Radford & Son ..	Sewerage and sewage disposal works ..	N. Hughes & Co., Ltd.	68,000	Nov. 1954	Sept. 1957
March U.D.C. ..	Ditto	10 miles of 6in. and 9in. dia. subsidiary sewers	T. C. Stewart (Contrs.), Ltd. ..	120,000	Nov. 1957	1959
Matlock U.D.C. ..	Ditto	Additions, extensions and alterations to the Lea sewage disposal works	F. Earnshaw, Ltd.; Pulsometer Eng. Co., Ltd.; Thatcher, Lucas & Co., Ltd.	87,000	June 1954	Aug. 1957
Thorne R.D.C. ..	Ditto	Sewerage at Thorne and Stainforth ..	P. P. Taylor (Doncaster), Ltd.; Pridmore & Broadhead, Ltd.; Lee, How] & Co., Ltd.	69,000	Oct. 1953	—
Thurrock U.D.C. ..	Ditto	Extensions to Marsh Farm sewage disposal works	W. & C. French, Ltd.; Simplex Concrete Piles, Ltd.; Thatcher, Lucas & Co., Ltd.; Gwynnes Pumps, Ltd.; Dorr-Oliver Co., Ltd.; Templewood Hawksley, Ltd.	340,000	June 1952	1959
City & Royal Burgh of Elgin	Rennie & Kirkwood ..	Reconstruction of sewage treatment works	Not yet let	100,000	Jan. 1958	1959
Burgh of Hawick ..	Ditto	Reconstruction of sewage treatment works	Whatlings, Ltd.	191,000	June 1957	1959
Aethwy R.D.C. ..	Rofe & Raffety	Sewerage schemes	North Wales Constr. Co., Ltd.; part not yet let	82,500	1955	—
Twrcelyn R.D.C. ..	Ditto	Sewerage schemes		175,000	1955	—
Borough of Graves-Corpn.	Scott & Wilson, Kirkpatrick & Partners.	Sewage disposal works extension	Not yet let	90,000	1957	1958
Docking R.D.C. ..	Ditto	Sewerage of Heacham	F. W. Shanks, Ltd.	257,000	Mar. 1956	1958
Epping & Ongar R.D.C.	Gerald Swayne & Son ..	Blackmoor and Doddinghurst scheme: 6 miles of sewers, pumping station and disposal works	Bosworth & Wakeford, Ltd. ..	90,000	Apr. 1957	Oct. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Hogsmill Valley Joint Sewerage Board	John Taylor & Sons ..	Sewage treatment works	Mears Bros .(Contr.), Ltd.; J. Jarvis & Sons; English Electric Co., Ltd.; Dorr-Oliver, Ltd.; W. E. Farrer, Ltd.; Ames Crosta Mills & Co., Ltd.; Activated Sludge, Ltd.; Sigmund Pumps, Ltd.; City Electrical Co., Ltd.	1,250,000	1953	1957
Royal Borough of Kingston - upon - Thames	Ditto	Pumping station and pumping main ..	J. L. Eve Constr. Co., Ltd.; Gwynnes Pumps, Ltd.	230,000	1956	1957
Borough of Epsom & Ewell	Ditto	Trunk and branch sewers	A. Streeter & Co., Ltd.	210,000	1956	1958
Borough of Malden & Coombe	Ditto	Pumping station and mains	Mears Bros. (Contrs.), Ltd.; Gwynnes Pumps, Ltd.	121,000	1957	1958
Borough of Surbiton	Ditto	Sewers	Not yet let	60,500	1958	1959
City of Gloucester	Ditto	Pumping machinery	English Electric Co., Ltd.	46,500	1957	1958
		Trunk sewers	Willment Bros., Ltd.	243,000	1955	1957
Haslingden, Rawtenstall & Bacup Outfall Sewerage Board	Ditto	Extension of treatment works	J. E. Turner, Ltd.; Ames Crosta Mills, Ltd.	82,000	1957	1958
Crawley Development Corpn.	Ditto	Extension of sewage works	Not yet let	112,000	1958	1959
Borough of Christchurch	Ditto	Sewage treatment works, pumping stations and mains	A. E. Farr, Ltd.; part not yet let	325,000	1957	1960
Borough of Rugby	Ditto	Pumping station and extension of sewage treatment works	Bosworth & Wakeford, Ltd.; Gwynnes Pumps, Ltd.	93,000	1954	1957
Eastern Valleys (Mon.) Joint Sewerage Board	Ditto	Extension of treatment works	Costello & Kemple, Ltd.	95,000	1957	1959
Borough of Folkestone	Ditto	Trunk sewers	J. W. Ellingham, Ltd.	89,000	1955	1957
Borough of Redcar	Ditto	Trunk sewer and sea outfall	Norwest Constr. Co., Ltd. ..	557,000	1956	1958
Borough of Lytham St. Annes	*J. D. M. Morton;* John Taylor & Sons.	Trunk sewers, pumping station and storm tanks	F. Parkinson, Ltd.; part not yet let	300,000	1958	1960
Borough of Monmouth	John Taylor & Sons. ..	Sewage treatment works	Not yet let	63,000	1958	1959
Sandown-Shanklin U.D.C.	Ditto	Outfall sewers, treatment works	Not yet let	300,000	1958	1960
Borough of Ballymena	Ditto	Extension of sewage treatment works ..	Not yet let	52,500	1958	1960
Borough of Harwich	Ditto	Pumping station, pumping plant and main	W. & C. French, Ltd.; Sigmund Pumps, Ltd.	51,000	1956	1957
Pontypool U.D.C. ..	Ditto	Sewerage schemes	Willment Bros., Ltd.	120,000	1954	1957
Llwchwr U.D.C. ..	Ditto	Sewage treatment works	Davies, Middleton & Davies, Ltd.	52,000	1955	1957
Chatteris U.D.C. ..	Ditto	Sewers and sewage treatment works ..	W. & C. French, Ltd.	90,800	1955	1957
Leatherhead U.D.C.	Ditto	Extensions to two sewage treatment works	Not yet let	70,000	1958	1959
Porthcawl U.D.C. ..	Ditto	Pumping station, sewers and sea outfall	Not yet let	115,000	1958	1959
Newton-le-Willows U.D.C.	Ditto	Trunk sewers	Not yet let	98,400	1958	1959
Chertsey U.D.C. ..	Ditto	Pumping stations, mains, treatment works extension and pumping plant	A. Jackaman & Son, Ltd.; H. Osman & Co., Ltd.; Gwynnes Pumps, Ltd.	75,000	1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Marlborough & Ramsbury R.D.C.	John Taylor & Sons	Aldbourne sewerage	R. E. Rowlands, Ltd.	69,700	1955	1957
Eton R.D.C.	Ditto	Denham sewerage and pumping stations	Kimbell Constr. Co., Ltd.	60,000	1957	1958
Plympton St. Mary R.D.C.	Ditto	Sewage treatment works	R. Costain, Ltd.; Sigmund Pumps, Ltd.; Hartleys (Stoke-on-Trent), Ltd.	136,000	1954	1957
Thornbury R.D.C.	Ditto	Berkeley sewers and treatment works	W. Bowers & Co., Ltd.	51,000	1955	1957
Battle R.D.C.	Ditto	Various sewerage schemes and treatment works	Mears Bros. (Contrs.), Ltd.; R. W. Dicker, Ltd.	205,000	1956	1958
Warrington R.D.C.	Ditto	Various sewerage schemes	A. C. Brew, Ltd.; Yarwoods (Altrincham), Ltd.; part not yet let	774,600	1957	1960
Alton R.D.C.	Ditto	Sewers, pumping station and plant	Riley & Whishaw, Ltd.; Sigmund Pumps, Ltd.	100,000	1955	1957
Sevenoaks R.D.C.	Ditto	Edenbridge sewage works	T.H. Contractors, Ltd.	121,000	1957	1958
Bradfield R.D.C.	Ditto	Burghfield sewers and treatment works	W. Young, Esq.; Tilbury Constr. Co., Ltd.; W. E. Chivers, Ltd.	55,000	1957	1958
Bedford R.D.C.	Ditto	Sewers, pumping station and mains	Costelloe & Kemple, Ltd.	87,828	1957	1958
British Celanese, Ltd. (Derby)	Ditto	Effluent pumping station, pumping plant and main	Holloway Bros., Ltd.; Gwynnes Pumps, Ltd.	60,000	1956	1957
H. J. Heinz Co., Ltd. (Kitt Green)	Ditto	Surface water sewers, trade effluent sewers, screens, comminutors and balancing tanks	A. Monk & Co., Ltd.	55,000	1957	1958
Alderley Edge U.D.C.	Ward, Ashcroft & Parkman	Trunk sewer	Not yet let	90,000	—	—
Barry M.B.C.	Ditto	Eastern drainage	Not yet let	280,000	—	—
Billinge & Winstanely U.D.C.	Ditto	Higher End and Chapel End sewage disposal works	Norwest Constr. Co., Ltd.	65,000	May 1957	1958
Hyde M.B.C.	Ditto	Sewerage and disposal works	J. McGeoch & Sons, Ltd.; L. Fairclough Ltd.; part not yet let	625,000	June 1957	—
Nantwich R.D.C.	Ditto	Haslington & Wistaston sewage disposal works	W. Mulcaster, Ltd.; D. Boswell, Ltd.	100,000	May 1957	1958
Prescot U.D.C.	Ditto	Sewerage and disposal works	Not yet let	185,000	1957	—
Ashton-in-Makerfield U.D.C.	Ditto	New disposal works, pumping stations and rising mains	McQuade, Ltd. (part)	270,000	July 1956	—
Ormskirk U.D.C.	Ditto	Sewage disposal works	Not yet let	70,000	1957	—
Preston C.B.C., Preston R.D.C. & Fulwood U.D.C.	Ditto	Joint sewerage scheme	H. Boot, Ltd.	250,000	1955	1957
W. Lancs. R.D.C.	Ditto	Maghull relief sewer and Maghull Brook culvert	A. Brett	75,000	Aug. 1957	1959
Leigh & Atherton Joint Sewerage Board	Ditto	Extensions to disposal works	Not yet let	187,000	1957	—
Wrexham M.B.C.	Ditto	North-Eastern trunk sewer and extension to disposal works	Whitley Bros., Ltd.	350,000	Aug. 1957	—
Bromsgrove R.D.C.	A. H. S. Waters and Partners.	Hagley sewage disposal	G. Law, Ltd.	66,000	Oct. 1957	Oct. 1959
Cannock R.D.C.	Ditto	Cheslyn Hay and Great Wyrley sewerage	D. B. Evans (Bilston), Ltd.	90,000	Jan. 1955	Dec. 1957
Cirencester R.D.C.	Ditto	Sewerage and sewage disposal at Fairford	Not yet let	124,000	—	—
Daventry B.C.	Ditto	Sewage disposal	Dudley Boswell & Co., Ltd.	64,000	May 1957	Feb. 1959
Evesham B.C.	Ditto	Sewerage and sewage disposal	H. Boot & Sons, Ltd.	189,300	Jan. 1955	July 1957
Gwyrfai R.D.C.	Ditto	Llanrug, etc., sewerage and sewage disposal	Mytons, Ltd.	116,000	May 1955	Dec. 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (HOME) *(continued)*				
Morecambe & Heysham B.C.	A. H. S. Waters and Partners	Sewerage for Central and Bare area ..	Hussey, Egan & Pickmere, Ltd.	320,000	Oct. 1956	Sept. 1958
		Sewerage for West End area	Melville, Dundas & Whitson, Ltd.	200,000	Nov. 1954	Mar. 1958
		Sewerage for Bare Lane area	Hussey, Egan & Pickmere, Ltd.	160,000	Sept. 1955	Dec. 1957
Wednesfield U.D.C.	Ditto	Sewerage and sewage disposal	M. A. Boswell (Contrs.), Ltd. ..	243,000	Jan. 1954	June 1958
Wenlock B.C. ..	Ditto	Sewerage and sewage disposal for Madeley	Not yet let	50,000	—	—
Oswestry R.D.C. ..	J. D. & D. M. Watson ..	Various sewage disposal schemes	Not yet let	100,000	—	—
Sutton-in-Ashfield U.D.C.	Ditto	Stormwater relief scheme	Not yet let	65,000	—	—
Borough of Aylesbury	Ditto	Sewage purification works	Not yet let	500,000	—	—
Borough of East Retford	Ditto	Sewage purification works	Not yet let	150,000	—	—
N. Walsham U.D.C.	Ditto	Sewage purification works extension ..	Not yet let	75,000	—	—
Whitstable U.D.C.	Ditto	Seasalter sewerage	Not yet let	75,000	—	—
Dunmow R.D.C. ..	Ditto	Thaxted—Great Easton Valley sewer ..	W. & C. French	51,000	July 1956	July 1958
		Sewerage and sewage disposal, Takeley and Little Hallingbury	Alderton & Co., Ltd.	98,000	Apr. 1957	Apr. 1959
Borough of Huntingdon	Ditto	Sewerage	Butterley Co., Ltd.	140,000	Aug. 1954	Feb. 1957
Borough of Godmanchester	Ditto	Sewerage	W. Moss & Sons, Ltd.	115,000	Feb. 1955	Feb. 1957
Boroughs of Huntingdon and Godmanchester	Ditto	Sewage purification works	W. Sindall, Ltd.	182,000	Oct. 1955	Oct. 1957
Hornchurch U.D.C.	Ditto	Sewage disposal works extensions	Not yet let	165,000	—	—
Bishops Stortford U.D.C.	Ditto	Sewerage	Not yet let	175,000	—	—
Borough of Chesterfield	Ditto	Sewerage	Not yet let	245,000	—	—
County Borough of Derby	Ditto	Sewage disposal works extensions	Holloway Bros., Ltd.; National Gas & Oil Engine Co.; Hussey Egan & Pickmere, Ltd.	2,000,000	Aug. 1953	—
Borough of Tottenham	Ditto	Stonebridge Brook improvement	Not yet let	550,000	—	—
Harlow Development Corp.	J. D. & D. M. Watson; D. Balfour & Sons	Middle Lee sewage disposal works (stage I)	W. & C. French, Ltd.; Kirk & Kirk, Ltd.; English Electric Co., Ltd.	1,950,000	Mar. 1951	Apr. 1958
Esher U.D.C. ..	J. D. & D. M. Watson ..	Sewage disposal works	J. T. Mackley & Co., Ltd.; Concrete Piling, Ltd.	200,000	Nov. 1956	July 1959
Middlesex C.C. ..	Ditto	East Middlesex main drainage	W. & C. French, Ltd.; Marples, Ridgeway & Ptnrs., Ltd.; Holland & Hannen and Cubitts, Ltd.; W. Moss & Sons, Ltd.; E. H. Jackson, Ltd.; H. Farrow, Ltd.; F. J. C. Lilley (Contrs.), Ltd.	9,500,000	Apr. 1948	—
Borough of Poole	Ditto	Broadstone sewage disposal works	Sir L. Parkinson & Co., Ltd. ..	122,000	May 1955	—
W. Hull and Haltemprice Joint Main Drainage Scheme	West Hull and Haltemprice Joint Advisory Committee; *W. Morris, M.I.C.E., & R. B. Heseltine, A.M.I.C.E.*	Humberside Pumping Station: superstructure	F. Haslam, Ltd.	100,000	Jan. 1955	July 1957
		extensions to plant	Gwynnes Pumps, Ltd.	53,000	May 1957	Dec. 1959
		Northern Branch Trunk Sewer: 10ft. 9in., 9ft. and 8ft. sewers in tunnel	Mitchell Bros., Sons & Co., Ltd.	1,350,000	July 1955	Feb. 1960
		8ft. 6in. to 4ft. 6in. sewers in open cut ..	Crowley, Russell & Co., Ltd. ..	700,000	Sept. 1957	Feb. 1961

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (ABROAD)				
University College of Ghana	D. Balfour & Sons ..	University near Accra: sewerage, sewage disposal, surface water drainage and water supply	G. Watson & Co.	400,000	1952	—
Tema Development Corpn.	Ditto	Sewerage and sewage disposal	A. Lang, Ltd.	410,000	—	—
Lusaka, Rhodesia (Crown Agents for Oversea Governments and Administrations)	Binnie, Deacon & Gourley	6in.-24in. dia. sewers, pumping stations, sewage disposal works and surface water drainage	J. Howard & Co. (Africa), Ltd. ..	680,000	1952	1958
City of Stratford, Canada	Canadian-British Engineering Consultants	Reconstruction of sewage disposal works		200,000	July 1957	July 1958
City of Whitehorse, Canada	Ditto	Sewerage	Prodor Construction, Ltd. ..	375,000	June 1956	Sept. 1957
Bulawayo City Council	Brian Colquhoun & Partners.	Sewerage and sewage disposal works and roads	Kilburn & Co., Ltd.; Acme Planning Co., Ltd.; O. Grimaker (Rhod.), Pvt., Ltd.	300,000	Jan. 1956	—
Municipal Council of Ndola	Ditto	Sewerage scheme	Batemans, Ltd. (Jo'burg) ..	1,500,000	1956	1958
Corpn of Dublin: N. Dublin drainage scheme	Sir William Halcrow & Partners	About 1 mile of 6ft. i.d. outfall sewer in tunnel, to discharge below sea level ..	Kinnear, Moodie & Co., Ltd. ..	400,000	Sept. 1955	1957
Commission of Public Works in Ireland	Ditto	Galway sluice barrage; 14 hydraulically-operated bascule gates	Direct labour; J. & C. McLoughlin; Automotive Products Co., Ltd.	75,000	1955	1959
Nairobi City Council	Howard Humphreys & Sons (East Africa)	New (boundary) sewage disposal works ..	Hartleys (Stoke-on-Trent), Ltd.; part not yet let	745,000	1957	1961
		Additions to sewage disposal works ..	M. Gonella & Co., Ltd.; Hartleys (Stoke-on-Trent), Ltd.	358,000	1954	1957
Kampala Municipal Council	Ditto	Extensions to sewage disposal works and sewerage system	Stirling Astaldi (Uganda), Ltd.; W. & C. French, Ltd.; Italit Mazza A.C. Products, Ltd.; Hartleys (Stoke-on-Trent), Ltd.	555,000	1954	1958
Khartoum Municipal Council	Ditto	Main drainage	German & Swiss Eng. & Constr. Co., Ltd.; Marples Ridgeway & Ptnrs., Ltd.	1,625,000	1957	1960
Municipal Board of Mombasa	Ditto	Stormwater drainage	M.R.M. Constr., Ltd; E.A. Rlys. & Harbours; Stirling Astaldi (Africa), Ltd.; part not yet let	270,000	1954	1957
Gal Oya Development Board, Ceylon	Husband & Co.	Sewerage and sewage disposal at Amparai and Inginiyagala	Not yet let	260,000	—	—
City of Tel Aviv—Jaffa (Dan region sewerage)	G. B. Kershaw & Kaufman	Trunk sewers up to 2m. diameter and 60in. sea outfall. Main pumping station	Arpad Gut, Ltd.; Cementation Co., Ltd.; part not yet let	2,500,000	1955	—
H.H. The Ruler of Kuwait	Ewbank & Partners Ltd.; John Taylor & Sons.	Main drainage of Kuwait Town, comprising sewers, pumping stations and treatment works	Not yet let	2,438,000	—	—
City of Baghdad ..	John Taylor & Sons. ..	Main drainage of city, comprising sewers, pumping stations and treatment works	Not yet let	7,245,000	1958	—
Dun Laoghaire Corporation	Ditto	Screen house and sea outfall	P. J. Walls & Bros. (Dublin), Ltd.; Universal Divers, Ltd.; W. E. Farrer, Ltd.	144,000	1955	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		DRAINAGE & SEWAGE WORKS (ABROAD) *(continued)*				
City of Singapore	J. D. & D. M. Watson ..	Extensions to Kim Chuan Road sewage purification works	Sino Malayan Engineers	400,000	Nov. 1955	Nov. 1957
		Ulu Pandan sewage purification scheme; pumping machinery, earthmoving, steel pipes, grit channels, pumping station, sewage treatment units and power house machinery	Pulsometer Eng. Co., Ltd.; Gammon (Malaya), Ltd.; Hume Industries (Far East), Ltd.; English Electric Co., Ltd.; part not yet let	2,960,000	Nov. 1956	June 1960
			Not yet let	1,750,000	—	—
Government of Qatar	Ditto	Doha sewerage and sewage disposal works	Darwish Bros., Qatar	250,000	Oct. 1955	Dec. 1958
Kuala Lumpur Municipality	Ditto	Main sewerage and sewage disposal works	Kien Huat, Ltd.; Bong Sin Constr. Co., Ltd.; Gammon (Malaya), Ltd.; Yew Lee, Ltd.	1,375,000	Jan. 1955	1958
		HARBOURS AND DOCKS (HOME)				
Barclay, Curle & Co., Ltd., Clydeholm Shipyard	Babtie, Shaw & Morton	Construction of joiners shop	Brydon Constr. Co., Ltd.	197,000	1955	1957
		Yard reconstruction: crane tracks, berth, roads, platers' shed, assembly shed, gantries and quay wall	G. Wimpey & Co., Ltd.; part not yet let	1,400,000	1957	1960
William Denny & Bros., Ltd., Dumbarton	Ditto	Reconstruction of yard buildings: platers' shed, stockyard, office block and ancillary work	W. Denny & Bros., Ltd.; R. D. Robertson & Co.	190,000	1957	1958
		New building bay	Redpath Brown & Co., Ltd.; part not yet let	192,000	1957	1958
The Fairfield Shipbuilding & Engineering Co., Ltd.	Ditto	Tracks for travelling cranes; reconstruction of berths; paving	G. Wimpey & Co., Ltd.	370,000	1953	Oct. 1957
Belfast Harbour Commissioners	Belfast Harbour Commissioners; *J. McF. Neill, M.I.C.E.*	Deep water wharf and shed	C. Brand & Son, Ltd.; Harland & Wolff, Ltd.; direct labour	1,100,000	Sept. 1955	1958
		200 tons crane	Sir W. Arrol & Co., Ltd.	240,000	Jan. 1956	1958
		Foundations for 200 ton crane, deep water wharf, shed, etc.	C. Brand & Son, Ltd.; Harland & Wolff, Ltd.; direct labour	498,000	Oct. 1956	1958
		Reconstruction, Albert Quay	Direct labour	290,250	May 1956	Sept. 1958
		Herdman Channel Wharf extension ..	Concrete Piling, Ltd.; direct labour	—	Dec. 1957	1960
		Deepening and widening Victoria Channel	Westminster Dredging Co., Ltd.; direct labour	—	Mar. 1958	—
Fleetwood Harbour	British Transport Docks; *J. F. Grimshaw*, British Railways, L.M. Region; *J. Taylor Thompson*	Demolition of berths 3, 4 and 5; provision of pitched slope and steel-sheet-piling protection	Earth & General Contrs., Ltd. ..	120,000	Nov. 1955	Dec. 1957
Barrow Docks ..	British Railways, L.M. Region; *J. Taylor Thompson, M.I.C.E.*	Improved facilities at berth No. 4 for ore discharging; reconstruction of quay and provision of cranes	Christiani & Nielson, Ltd. ..	253,000	Feb. 1957	Nov. 1957
Hartlepools Docks ..	British Transport Docks; *P. K. Brown, A.M.I.C.E.*	New roadway, including one permanent and one moveable dam at former dock entrances	Direct labour; Marples, Ridgway & Ptnrs., Ltd.	85,000	Oct. 1957	Mar. 1958
Garston Docks ..	British Transport Docks; *A. D. M. Bellis, A.M.I.C.E.*	Modernisation of three discharging berths; re-cranage; resurfacing of quays; new rail layout; improved roads and illumination	Direct labour; Stothert & Pitt, Ltd.; Cowans Sheldon, Ltd.	425,000	Jan. 1955	June 1958
		Repairs to North Dock entrance; new dock gates and machinery	Direct labour; Head, Wrightson (Teesdale), Ltd.	54,500	Apr. 1957	Jan. 1958
		Renewal of Stalbridge Lock outer gates ..	Direct Labour; Head, Wrightson (Teesdale), Ltd.	54,500	Mar. 1957	Jan. 1958
		Reconstruction of coaling viaducts and tip heads	H. Smith Co., Ltd.	80,500	Jan. 1957	July 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HARBOURS & DOCKS (HOME) *(continued)*				
Southampton Docks	British Transport Docks; *J. H. Jellet, M.I.C.E.*	Construction of four-storey r.c. cold store and transit shed	Sir R. McAlpine & Sons, Ltd.; L. Sterne & Co., Ltd.; W. A. Taylor, Ltd.	500,000	May 1956	Mar. 1958
Swansea Docks ..	British Transport Docks; *R. H. Edwards;* Rendel, Palmer & Tritton	New lead-in jetty, pumping station and machinery; extension of Western roundhead	J. L. Keir & Co., Ltd.; South Durham Iron & Steel Co., Ltd.	942,000	Aug. 1956	1959
Port Talbot Docks	British Transport Docks; *R. H. Edwards. M.I.C.E.*	New lock gates; slipway for launching spare gates; construction of timber dolphin	Fairfield Shipbuilding Eng. Co., Co., Ltd.; Land and Marine Contrs., Ltd.	141,000	Mar. 1957	Sept. 1958
Newport Docks ..	British Transport Docks; *R. H. Edwards, M.I.C.E.;* W. S. Atkins & Partners	New transit sheds and cranes, and improvements in roads and railways at North and South Docks	Braithwaite (Structural) Co., Ltd.; Stothert & Pitt, Ltd.	1,100,000	Aug. 1957	1959
Hull Docks	British Transport Docks; *G. D. Lloyd, M.I.C.E.;* Sir Bruce White, Wolfe-Barry & Partners	Reconstruction of Riverside Quay and South Side, Albert Dock; construction of timber bullnose; electrification works	A. Monk & Co., Ltd.; Stothert & Pitt, Ltd.; Yorkshire Hennebique Contr. Co.	1,500,000	1955	Dec. 1958
Hull, King George Dock	British Transport Docks; *G. D. Lloyd, M.I.C.E.*	Re-surfacing of Nos. 1, 3 and 8 quays and provision of new crane tracks	Direct labour	110,000	Feb. 1955	Oct. 1957
Hull, Alexandra Dock	Ditto	New lock gates	Head Wrightson & Co., Ltd. ..	71,500	May 1956	Feb. 1958
Hull, St. Andrew's Dock	Ditto	Reconstruction of No. 1 Quay and fish market	Demolition and Constr. Co., Ltd.	420,000	Nov. 1956	Mar. 1959
Grimsby, Fish Dock	Ditto	Reconstruction of old west entrance jetty	A. Monk & Co., Ltd.	53,100	July 1956	Sept. 1957
Grimsby, Alexandra Dock	Ditto	Renewal of part of North Quay	Direct labour	55,000	1958	1959
Immingham Dock..	Ditto	Renewal of Eastern Jetty	A. Monk & Co., Ltd.	214,000	Dec. 1956	Dec. 1958
		Provision of quay cranes, strengthening of four quays, and renewal of railway lines	Stothert & Pitt, Ltd.; Cowans, Sheldon & Co., Ltd.	610,000	1958	1959
Goole Docks ..	Ditto	Overhaul of Ouse and Victoria Locks :.	Direct labour	80,000	Oct. 1952	May 1958
Swan, Hunter & Wigham Richardson, Ltd.; Neptune Yard	T. F. Burns & Partners ..	Deep water jetty	Demolition & Constr. Co., Ltd.	140,000	Feb. 1956	Mar. 1958
		Assembly, sub-assembly and platers' bays	Demolition & Constr. Co., Ltd.; Vickers Armstrong (Shipbuilders), Ltd.	305,000	May 1957	May 1958
		No. 1 berth and No. 2 crane gantry ..	Not yet let	152,000	Mar. 1958	Dec. 1958
Swan, Hunter & Wigham Richardson, Ltd.; Wallsend Yard	Ditto	No. 5 berth	Demolition & Constr. Co., Ltd. ..	76,000	Sept. 1957	Apr. 1958
		Plate preparation sheds	Not yet let	300,000	—	—
Queen's Dock,	Clyde Navigation Trust; *A. Thomson, M.I.C.E.*	New crane tracks, electrification of quays, and re-roofing existing goods sheds	Direct labour; Robertson Thain, Ltd.	367,000	Jan. 1954	1959
Meadowside and Merklands Quays	Ditto	New goods shed, 790ft. x 100ft.; 3 acres concrete paving; auxiliary buildings	Direct labour; Redpath Brown & Co., Ltd.	305,000	1956	1958
Great Yarmouth, Skeleton Works	Coode & Partners	Reconstruction of entrance works	Sir L. Parkinson & Co., Ltd. ..	144,500	Apr. 1956	1957
Lithgows, Ltd. ..	Crouch & Hogg	Fitting-out basin, Kingston Shipyard and reconstruction of berth	Baird Bros.	600,000	1956	1959
Greenock Dockyard Co., Ltd.	Ditto	Travelling craneways and construction of berths, production and welding shops	H. Leggat, Ltd.; Melville Dundas & Whitson; Colville Constr. Co., Ltd.	800,000	1957	1958
Charles Connell & Co., Ltd.; Scotstoun Shipyard	Ditto	Travelling craneway and construction of berth	J. Young (Contr.), Ltd.	100,000	1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HARBOURS & DOCKS (HOME) *(continued)*				
Ipswich Dock Commission	Sir Alexander Gibb & Partners	Extension of Cliff Quay, and cranes ..	J. L. Kier & Co., Ltd.; Babcock & Wilcox, Ltd.	630,000	Oct. 1955	May 1957
The Bowater Paper Corporation, Ltd.	Ditto	New deep water jetty and wharf extension at Northfleet	J. L. Kier & Co., Ltd.	400,000	Jan. 1956	Oct. 1957
Du-Pont Carbide Industries	Ditto	Jetty on Lough Foyle near Londonderry	Not yet let	100,000	Nov. 1957	—
Grayson Rollo & Clover Docks, Ltd.	Ditto	Reconstruction of No. 1 dock and ancillary services; improvements to No. 6 dock	Sir A. McAlpine & Son, Ltd.; Sir W. Arrol & Co., Ltd.; Drysdale & Co., Ltd.; part not yet let	900,000	Mar. 1957	—
William Cory & Son, Ltd.	Sir William Halcrow & Partners	Erith Jetty: dredging, prestressed cylinders and precast and in situ concrete works for new jetty	Holloway Bros. (London), Ltd. ..	450,000	July 1955	June 1957
Central Electricity Authority: Shoreham Harbour	Ditto	Reconstruction of harbour entrance, dredging, and new lock	P. Lind & Co., Ltd.	2,000,000	1954	1957
Deal Pier	Ditto	New pleasure pier	Concrete Piling Co., Ltd.	200,000	1954	1957
T. W. Greenwell & Co., Ltd.	Ditto	Conversion of old North Dock, Sunderland into repair quay and yard	Melville, Dundas & Whitson, Ltd.; River Commissioners (dredging)	500,000	Oct. 1957	1959
Imperial Dry Dock	Leith Dock Commission; *M. C. White, M.I.C.E.*	Improved facilities: new 15-ton crane, substation, etc.	Cowans Sheldon & Co., Ltd.: direct labour	50,000	Oct. 1956	July 1958
Imperial Dock ..	Leith Dock Commission; *M. C. White, M.I.C.E.*; Kinnear & Gordon	Grain warehouse extension, railway diversions, etc.	Melville, Dundas & Whitson, Ltd.; J. Laing & Son, Ltd.; Simon Handling Eng. Ltd.; direct labour	300,000	Sept. 1956	Sept. 1958
Imperial Dock ..	Leith Dock Commission; *M. C. White, M.I.C.E.*	Improved facilities, No. 7 berth: three new grabbing cranes and electrical equipment	Babcock & Wilcox, Ltd.; direct labour	120,000	Sept. 1957	July 1958
Londonderry Harbour	Londonderry Port & Harbour Commission; *J. S. Watt, A.M.I.C.E.*; L. G. Mouchel & Partners, Ltd.	Reconstruction and extension of wharves in reinforced concrete	McLaughlin & Harvey, Ltd. ..	222,654	Apr. 1953	Apr. 1958
Lock Flood Sluices	Manchester Ship Canal Co.; *D. C. Milne, M.I.C.E.*	Renewal of sluice gates	Ransomes & Rapier, Ltd.; A. Monk & Co., Ltd.	400,000	Nov. 1954	1958
Nitrate Shed Berth, Ellesmere Port	Ditto	Resurfacing, electrifying and equipping with electric cranes	Grant Lyon & Co., Ltd.; Barney Eng. Services, Ltd.	70,000	1957	1958
Prince of Wales Dry Dock Co., Ltd.	G. Maunsell & Partners	Dry dock and ancillary works	Marples, Ridgway & Ptnrs., Ltd.	500,000	1957	1957
Langton - Canada Docks Improvements	Mersey Docks & Harbour Board: *A. B. Porter, M.I.C.E.*	First and second phases of scheme of reconstruction for new river entrance lock, 825ft. x 130ft. and subsidiary works	Direct labour	9,409,717	May 1949	—
		Caissons for river entrance lock and Canada-Brocklebank Passage	Sir W. Arrol & Co., Ltd.	1,500,000	July 1951	—
		Double-storey shed: steel framework, r.c. precast panels, semi-portal cranes	Direct labour; Sir W. Arrol & Co., Ltd.; Ferro-Concrete (Lancs.), Ltd.; Stothert & Pitt, Ltd.	1,145,000	Mar. 1955	—
		Construction of power and pumping centre	Direct labour: Gwynnes Pumps, Ltd.; Mather & Platt, Ltd.; Glenfield & Kennedy, Ltd.	510,000	—	—
Training Banks ..	Ditto	Construction of training walls in sea channel approaches	Direct labour	3,275,651	July 1923	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HARBOURS & DOCKS (HOME) *(continued)*				
Huskisson Branch Docks Nos. 1 & 3	Mersey Docks & Harbour Board; *A. B. Porter, M.I.C.E.*	R.C. double-storey sheds; semi-portal electric luffing cranes (part war damage)	P. Lind & Co., Ltd.; Stothert & Pitt, Ltd.	2,507,000	Jan. 1954	—
Vittoria Dock ..	Ditto	Extending dock approximately 150ft. westward	Direct labour	631,900	Aug. 1957	1960
Langton & Birkenhead Graving Docks	Ditto	Improved facilities: cranes, compressed air supplies, salt water mains, etc.	Direct labour: Cowans Sheldon & Co., Ltd.	456,325	Apr. 1953	July 1957
South side, Alexandra Branch Dock No. 1	Ditto	Single-storey shed; steel columns; brick walls; timber roof (war damage)	J. Gerrard & Co., Ltd.	218,500	Aug. 1955	Feb. 1957
South side, Bidston Dock	Ditto	Single-storey shed: steel framework, galvanised sheeting	Direct labour: Horseley, Bridge & Piggott, Ltd.	160,000	Feb. 1956	May 1957
Oil Installations, Dingle	Ditto	Water tanks, etc., for fire-fighting, improving roadways, rail tracks	Direct labour: A. Monk & Co., Ltd.	128,410	July 1954	Oct. 1957
Liverpool Landing Stage	Ditto	Covering-in open portion, upper deck, Princes Landing Stage and repairing Princes and Georges landing stages	Direct labour: Carter, Horseley, Ltd.; Freeman Morrison, Ltd.	120,135	Sept. 1955	Jan. 1958
North side, Canada Branch Dock No. 3	Ditto	Surfacing quay and providing rail tracks	Direct labour: Humphreys, Ltd.	106,000	Aug. 1956	Sept. 1957
Dockyard, Coburg Dock	Ditto	Rebuilding part of foundry	Direct labour: Palmers, Hebburn & Co., Ltd.	94,000	Nov. 1955	Mar. 1958
Nelson - Salisbury dock passage	Ditto	New single-leaf swing bridge	Direct labour: Sir W. Arrol & Co., Ltd.	66,980	Feb. 1954	June 1957
Herculaneum hydraulic power centre	Ditto	New pump and accumulator houses, pumps and accumulators, etc.	Direct labour: Gwynnes Pumps, Ltd.; Glenfield & Kennedy, Ltd.	52,706	Dec. 1956	Oct. 1958
South shed, Queens Branch Dock No. 2	Ditto	Repairs and renewals to shed (part war damage)	Direct labour	66,930	Mar. 1957	Mar. 1958
East shed, Queens Dock	Ditto	Reconstruction of part of shed: raising roof and setting back to give 13ft. quay	Direct labour	130,000	Dec. 1957	Aug. 1958
Avonmouth Docks	Port of Bristol Authority; *T. L. Martin, A.M.I.C.E.*	Renewal of permanent way, r.c. bridge and viaduct over railways at Holesmouth	H. Boot & Sons, Ltd.	350,000	May 1958	1958
			P. Lind & Co., Ltd.	140,385	Mar. 1957	1958
Surrey Commercial Docks	Port of London Authority; *G. A. Wilson, M.I.C.E.*	Widening and deeping of Canada/Greenland Passage: new bridge at a higher level	Cleveland Bridge & Eng. Co., Ltd.	509,000	Nov. 1954	1960
		tunnelling contract	A. Waddington & Sons, Ltd. ..	298,000	1957	1960
		Timber storage sheds, Acorn Yard	Tubewrights, Ltd.; J. Mowlem & Co., Ltd.	137,000	Jan. 1956	Nov. 1957
		Reconstruction of quay and shed, Canada Dock	J. Mowlem & Co., Ltd.	238,000	Jan. 1956	Feb. 1957
India & Millwall Docks	Ditto	Construction of dam at Millwall entrance lock; storage shed, junction dock	J. Mowlem & Co., Ltd.	86,000	May 1956	Jan. 1957
			Tubewrights, Ltd.; J. Mowlem & & Co., Ltd.	56,500	Aug. 1957	May 1958
Royal Docks	Ditto	New pumping plant for impounding station	Vickers - Armstrongs (Engrs.), Ltd.	78,500	Aug. 1951	Apr. 1957
		Reconstruction of Gallions lower entrance and jetties	J. Mowlem & Co., Ltd.	1,300,000	Sept. 1951	Aug. 1957
		Gallions upper entrance: repairs and new gates	Vickers - Armstrong (Shipbuilders), Ltd.; J. Mowlem & Co., Ltd.	85,000	Sept. 1956	1957
		Renewal of permanent way	J. Mowlem & Co., Ltd.	141,000	Oct. 1955	July 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HARBOURS & DOCKS (HOME) (*continued*)				
Tilbury Docks ..	Port of London Authority; *G. A. Wilson, M.I.C.E.*	Main dock: new berth at North Quay ..	Holloway Bros. (London), Ltd. ..	670,000	May 1953	Jan. 1957
		Transit-shed, approach roads and railways	Holloway Bros. (London), Ltd.	650,000	Dec. 1954	Apr. 1957
		Reconstruction of quay and transit shed, West Side branch dock	J. Mowlem & Co., Ltd.; Walker Bros., Ltd.	246,000	July 1956	1957
		35 ton dry dock crane and crane track ..	Stothert & Pitt, Ltd.; J. Mowlem & Co., Ltd.	154,000	1955	1957
		Six diesel-electric locomotives	Yorkshire Engine Co., Ltd. ..	153,000	Feb. 1956	July 1957
Marine	Ditto	Floating reclamation plant	J. Pollock, Sons & Co., Ltd. ..	226,000	May 1957	1960
		Three single screw tugs	J. Pollock, Sons & Co., Ltd. ..	267,000	May 1957	1959
		Eight carrier barges	Harland & Wolff, Ltd.	205,000	May 1957	1959
The National Coal Board	Posford, Pavry & Partners	Offshore boring towers: new and additional constructions	Cleveland Bridge & Eng. Co., Ltd.	300,000	1957	1959
Felixstowe Dock & Railway Company	Ditto	North and South piers for harbour ..	Marples, Ridgway & Ptnrs., Ltd.	90,000	1957	1958
B.P. Refinery (Kent), Ltd.	Rendel, Palmer & Tritton	Jetties 4 and 5, extension of lubricating oil jetty, coastal tanker and barge jetty	Sir R. McAlpine, Ltd.	1,500,000	Nov. 1956	June 1959
B.P. Trading, Ltd.	British Petroleum Co., Ltd.; Rendel, Palmer & Tritton	Deep water jetty, Finnart	Melville, Dundas & Whitson ..	250,000	Sept. 1957	1958
Cammell Laird & Co. (Shipbuilders & Engineers), Ltd.	Rendel, Palmer & Tritton	Tubular steel jetties, Birkenhead	Tubewrights, Ltd.	120,000	June 1957	Jan. 1958
		Dredging approach to new dry dock, Birkenhead	Westminster Dredging Co., Ltd.	200,000	May 1957	1959
Birkenhead Corpn.; Cammell Laird & Co.	Birkenhead Corporation; Rendel, Palmer & Tritton	Preliminary excavations for proposed dry dock, Birkenhead	J. Doyle	80,000	Apr. 1957	1958
Lackenby Five-Berth Deep Water Quay	Tees Conservancy Commission; *A. C. Rhodes, A.M.I.C.E.*	Preliminary work for dock development ..	Direct labour	195,000	1955	—
Tyne Dock	Tyne Improvement Commission; *R. B. Porter, M.I.C.E.*	Piling repairs to superstructure of "A" Staith	Brims & Co., Ltd.	50,000	Mar. 1957	Jan. 1958
East Quay, Albert Edward Dock	Ditto	Modifications, including provision of new cranes	Direct labour and contract ..	82,000	Oct. 1955	Nov. 1957
River works ..	Ditto	Two 600-ton diesel hopper barges	W. Simons & Co., Ltd.	262,000	1955	1957
General Terminus Quay, Glasgow: Colvilles, Ltd.	James Williamson & Partners	Quay strengthening and piled foundations for ore-handling plant	Holst & Co., Ltd.	250,000	June 1955	1957
South of Scotland Electricity Board, Portobello Power Station	Ditto	Remedial works to sea-intake shafts; offshore cofferdams for renovation of cooling water intake shafts	Balfour Beatty, Ltd.	120,000	May 1955	1958
		HARBOURS & DOCKS (ABROAD)				
Apapa Wharf Extension, Lagos, Nigeria	Coode & Partners	2,565ft. wharf wall, 370ft. lighter berth, sheds, buildings, dredging, reclamation, sidings	Richard Costain, Ltd.	5,000,000	Jan. 1950	Oct. 1957
Bahrein	Ditto	Dredging and 1,500ft. deep water pier, and approach pier, 1,500ft. long	Gammon (Pakistan), Ltd. ..	2,500,000	May 1957	1959
Barbados, Deep Water Harbour	Ditto	2,700ft. breakwater, 1,200ft. quay wall, sheds, reclamation; 80,000 tons bulk sugar store and handling equipment	Costain (West Indies), Ltd. ..	3,681,500	Oct. 1957	Aug. 1960
Berbera, Somaliland	Ditto	Shallow draft jetty	Motherwell Bridge Contracting Co., Ltd.	250,000	Sept. 1957	Apr. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HARBOURS & DOCKS (ABROAD) (*continued*)				
Grenada, St. George's	Coode & Partners	800ft. wharf, reclamation and shed ..	Holland & Hannen and Cubitts	465,000	Sept. 1957	Aug. 1959
Mombasa Harbour; East African Railways & Harbours	Chief Engineer, E.A.R. & H.; Coode & Partners	1,200ft. screw pile wharf	Braithwaite & Co. (Engs.), Ltd.	1,000,000	Jan. 1953	1957
		2,400ft. deep water berths, dredging and reclamation	Christiani & Nielsen; J. L. Kier & Co., Ltd.	1,900,000	June 1957	1959
Port Harcourt Wharf Extension, Nigeria	Coode & Partners	1,500ft. wharf wall, sheds, buildings, dredging, railway sidings	Taylor Woodrow (Nigeria), Ltd.	3,689,000	June 1957	June 1960
Trinidad: docksite reconstruction	Ditto	Reconstruction of 650ft. of quay	A. E. Farr, Ltd.	198,000	June 1957	May 1958
Govt. of India ..	Sir Alexander Gibb & Partners	Naval dockyard development at Bombay; dredging, reclamation, construction of wharves, graving dock, buildings and ancillary works	Cie. Industrielle de Travaux; Engineering Constr. Corp., Ltd.; Glenfield & Kennedy, Ltd.; Gwynnes Pumps, Ltd.; Aug. Klonne; direct labour	4,800,000	Sept. 1954	—
Board of Management for the Port of Rangoon	Ditto	Reconstruction of Sule Pagoda Wharves Nos. 5, 6 and 7; ancillary buildings and services	Ed. Zublin A.G.; Thika Builders and Eng. Ltd.	3,750,000	Apr. 1957	—
Port of Tema, Ghana	Sir William Halcrow & Partners	Construction of 4-berth harbour	Parkinson-Howard, Ltd.	9,000,000	Oct. 1954	1960
Director of Public Works, Nyasaland	Ditto	Lake Nyasa Port of Nkata Bay: floating landing stage and buildings	Johnston & Duckworth, Ltd. ..	82,000	Nov. 1956	1957
Tanjong Penuru bunkering facilities project, Singapore	Ditto	Two deep-water berths for 80 ton tankers, for Caltex (Asia), Ltd.	Gammon (Malaya), Ltd.	300,000	Nov. 1957	1958
Aqaba Port Authority	Rendel, Palmer & Tritton	New port, comprising general cargo berths and transit sheds	E. D. Zublin, A.G.	1,800,000	Nov. 1956	1958
		Phosphate handling plant	Simon Handling Eng.	250,00	Mar. 1956	1958
		Generating plant	Not yet let	140,000	—	—
Calcutta Port Commissioners	Ditto	T.S. bow well suction hopper dredger, hopper capacity 3,000 tons	W. Simon & Co., Ltd.	1,004,000	Sept. 1955	Sept. 1957
		Ore handling plant	W. Simon & Co., Ltd.	800,000	—	—
Karachi Port Trust	Ditto	Reconstruction of East Wharves, Karachi Port; new quay wall and berths	Volker Aanneming	3,000,000	Jan. 1955	1959
Kuwait Oil Company	Ditto	North pier, Mina Al Ahmadi	G. Wimpey & Co.	7,500,000	Sept. 1957	Jan. 1959
Limerick Harbour Commissioners	Ditto	Grab hopper dredger	Liffey Dockyard	140,000	Oct. 1956	Mar. 1959
Madras Port Trust	Madras Port Trust; Rendel, Palmer & Tritton	New wet dock	Not yet let	2,000,000	1957	—
Aden Port Trust ..	Sir Bruce White, Wolfe Barry & Partners	Dredging and reclamation, extension of import quay, new lighter berths and basin, transit sheds, offices, electric cranes	Dredging & Constr. Co., Ltd.; K. L. Kalis, Sons & Co., Ltd.; Pauling & Co., Ltd.	3,210,000	—	1957
		Construction of mooring barge	W. J. Yarwood & Sons, Ltd. ..	66,000	1956	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HARBOUR & DOCKS (ABROAD) *(continued)*				
Bombay Port Trust	Sir Bruce White, Wolfe Barry & Partners	Marine Oil Terminal: deep water berths for oil tankers, submarine pipelines, pump houses, tank farm and water supply	Royal Netherlands Harbour Works, Ltd.; Shapoorji Pallongi, Ltd.; Merritt, Chapman & Scott Corpn., Ltd.; Hindustan Constr. Co.	7,300,000	1953	1957
		Power house and electric power supply, plant, telephones, telecommunications, etc.	Protos Eng. Co., Ltd. (S.S.W.); Escort (M.A.N.); Sigmund Pumps, Ltd.; Bruce Peebles & Co., Ltd.; G.E.C.; and others			
		Jetties and bund at Pir Pau	Patel & Motichand, Ltd.; Royal Netherlands Harbour Works, Ltd.			
Saurashtra Govt.	Ditto	Construction of dock entrance at Bhavnagar	Sindu Hochtief Butzer (India), Ltd.; C. H. Jucho, Dortmund	546,000	1956	1959
Penang Port Commission	Ditto	Improvement of ferry services between Penang and Butterworth	W. S. Lim & Co.	551,287	1957	1959
		Construction of Bagan Dalam slipway ..	Lim Quee & Sons	365,400	1957	1959
Singapore Harbour Board	Ditto	Wharves in East Lagoon and new breakwater	Not yet let	400,000	—	—
Lyttleton Harbour Board, New Zealand	Ditto	Replacement of dredger, design, specification and survey construction	Not yet let	—	—	—
Taranaki Harbour Board, New Zealand	Ditto	Replacement of dredger, design, specification and survey construction	Fleming & Ferguson, Ltd. ..	470,000	1957	1958
Port of Spain, Trinidad	Ditto	Slipway and jetty for Messrs. Tugs and Lighters	Holland & Hannen & Cubitts, Ltd.; P. & W. Maclellan, Ltd.	110,000	1957	1958
Govt. of Fiji ..	Wilton & Bell	Harbour scheme at Suva	Not yet let	2,800,000	—	—
		Wharf, reclamation and sheds at Lautoka	Ditto	660,000	—	—
		Two slipways and repair berth, oil berth, dredging reclamation, road works and buildings at Suva	Ditto	2,070,000	—	—
Gilbert & Ellis Island Colony	Ditto	Harbour works at Tarawa	Direct labour	107,000	Oct. 1957	Dec. 1959
		HYDRO-ELECTRIC WORKS (HOME)				
		(Figures in brackets give the installed capacity of the scheme and the estimated annual production)				
		North of Scotland Hydro - Electric Board's Schemes				
Glen Shira	Babtie, Shaw & Morton; Merz & McLellan.	Dams, tunnels, power stations and other works (45MW, 80 × 10^6kWh)	A. M. Carmichael, Ltd.; and others	5,000,000	1948	1958
Storr Lochs	Blyth & Blyth	Pipeline for further development	H. M. Murray & Co., Ltd.	55,000	1955	1957
Cowal extension ..	Crouch & Hogg	Aqueducts, tunnels and steel pipeline ..	R. J. McLeod (Contrs.), Ltd. ..	350,000	1953	1957
Tummel Garry: Stage II	Sir Alexander Gibb & Partners; Merz & McLellan.	Hydro-electric development, Errochty section (75MW, 105 × 10^6Wh)	A. M. Carmichael, Ltd.; and others	7,250,000	Nov. 1948	—
Tummel Valley additions	Ditto	Aqueducts	A M. Carmichael, Ltd.	1,350,000	Mar. 1957	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HYDRO-ELECTRIC WORKS (HOME) *(continued)*				
Glascarnoch - Luichart-Torr Achilty	Sir Alexander Gibb & Partners; Merz & McLellan	Hydro-electric development, in Conon Basin (65.4 MW, 280 × 10^6kWh)	G. Wimpey & Co., Ltd.; W. Tawse, Ltd.; Reed & Mallik, Ltd.; Duncan Logan (Contrs.), Ltd.; J. Campbell & Sons, Ltd.; A. M. Carmichael, Ltd.; P. & W. MacLellan, Ltd.; J. Laing & Son, Ltd.; and others	10,000,000	1950	—
Orrin	Ditto	Hydro-electric development (18 MW, 76 × 10^6kWh)	Duncan Logan (Contrs.), Ltd.; Whatlings, Ltd.; W. Tawse, Ltd.; Farrans, Ltd.	4,000,000	June 1955	—
Garry	Sir William Halcrow & Partners; Kennedy & Donkin.	Dams, tunnels, generating stations, road diversions and fish heck (42MW, 168 × 10^6kWh)	Whatlings, Ltd.; R. Costain, Ltd.; Sir W. Arrol & Co., Ltd.	8,000,000	1951	1957
Moriston	Ditto	Dams, tunnels, generating stations and road diversions (53MW, 184 × 10^6kWh)	Mitchell Constr. Co., Ltd.; International Development Co. (Nottingham), Ltd.; Duncan Logan (Contrs.), Ltd.	8,500,000	1952	1957
Moriston: lower works	Ditto	Dam, tunnels and generating station	Duncan Logan (Contrs.), Ltd. ..	2,600,000	May 1954	1957
Breadalbane: St. Fillans section	Sir M. MacDonald & Partners; Kennedy & Donkin.	Dams, tunnels, aqueducts and power stations, etc. (25MW, 94 × 10^6kWh)	Mitchell Constr. Co., Ltd.; Taylor Woodrow (Constr.), Ltd.	4,500,000	May 1954	May 1958
Loch Shin	Ditto	Dams, tunnels, aqueducts and power stations, etc. (37.5MW, 137 × 10^6kWh)	G. Wimpey & Co., Ltd.; R. & J. McLeod (Contrs.), Ltd.; W. Tawse, Ltd.	5,000,000	May 1954	May 1958
Breadalbane: Killin section	James Williamson and Partners; Merz & MacLellan.	Dams, tunnels, aqueducts, generating stations, etc. (62MW, 199 × 10^6kWh)	E. Nuttall, Sons & Co. (London), Ltd.; J. Miller & Ptnrs.; Cementation Co., Ltd.; Mitchell Constr. Co., Ltd.; J. Woodrow & Sons, Ltd.; North British Loco Co., Ltd.; T. Gebbie & Co., Ltd.; Glenfield & Kennedy, Ltd.	10,000,000	Aug. 1953	1959
Lawers	Ditto	Dam, tunnel, aqueducts, pipeline, generating station (30MW, 80 × 10^6kWh)	Cementation Co., Ltd.; P. & W. MacLellan, Ltd.; Glenfield & Kennedy, Ltd.	4,250,000	May 1951	1957
		CENTRAL ELECTRICITY AUTHORITY'S SCHEMES				
Ffestiniog, N. Wales	Freeman, Fox & Partners; Kennedy & Donkin; James Williamson & Partners	300 MW. pumped storage scheme:		14,000,000	1956	1962
		Access roads and bridges	Sir A. McAlpine & Son, Ltd. ..			
		Stwlan dam, pressure shafts, tunnels and power station excavation	Cementation Co., Ltd.			
		Tan-y-Grisiau dam: power station ..	Not yet let			
		Water turbines, storage pumps and alternator motors	English Electric Co., Ltd.; Sulzer Bros. (London), Ltd.; British Thompson Houston Co., Ltd.			
Rheidol, Mid-Wales	Freeman, Fox & Partners; James Williamson & Partners	49 MW. hydro-electric scheme:		7,000,000	1957	1961
		Access roads	Sir A. McAlpine & Son, Ltd. ..			
		Nant-y-Moch dam, pressure tunnel and Dinas power station; Dinas dam, tunnel and aqueducts; high pressure tunnel, Cwm Rheidol dam and power station	Not yet let			

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		HYDRO-ELECTRIC WORKS (HOME) *(continued)*				
Dolgarrog, N. Wales	Freeman, Fox & Partners	Reconstruction of Coedty dam spillway	Reed & Mallik, Ltd.	65,000	1957	1958
Maentwrog, N. Wales	Ditto	Reconstruction of four dams at Trawsfynydd reservoir; formation of c.w. embankments and channels for nuclear power station project	Not yet let	£1,500,000	1958	1959
		HYDRO-ELECTRIC WORKS (ABROAD)				
Colonial Development Corpn.	Brian Colquhoun & Partners	Macalder Scheme, Kenya: dam, power house and all ancillary work	Keir & Cawder, Ltd.; direct labour	350,000	1955	1957
Dominion of New Zealand: Atiamuri project	N.Z. Ministry of Works; Sir Alexander Gibb & Partners.	Dam and power station of Waikato River, North Island (63MW)	Direct labour; Ransomes & Rapier, Ltd.; Mason Bros., Ltd.; Lambhill Ironwks., Ltd.; W. Cable, Ltd.	4,000,000	1954	—
State Electricity Commission of New South Wales	Sir Alexander Gibb & Partners.	Hume Power Station: power station (50MW), as part of Murray River hydro-electric scheme	New South Wales P.W.D.	800,000	Feb. 1954	1957
Federal Power Bd. Rhodesia and Nyasaland. Kariba scheme	Sir Alexander Gibb & Partners; A. Coyne & J. Bellier; SOGEI; Merz and McLellan.	Hydro-electric development on River Zambesi. High arch dam with underground power stations, full capacity 1,200MW or more	Impresit Kariba (Pvt.), Ltd.; Cementation Co., Ltd.; J. Laing & Sons (Rhodesia), Ltd.; A. G. Burton, Ltd.; R. Costain (Southern Rhodesia), Ltd.	35,000,000	July 1955	—
Uganda Electricity Bd.: Owen Falls	Kennedy & Donkin; Sir Alexander Gibb & Partners.	Installation of additional plant and equipment, sets 7 to 10	Wilson, Laity & Co., Ltd.	180,000	Nov. 1956	—
Aswan Dam hydro-electric scheme: Govt. of Egypt	Kennedy & Donkin; Scott & Wilson, Kirkpatrick & Partners; Vattenbyggnadsbyran	Intake dam, power house (7 x 49.5 MVA and 2 x 13.5 MVA), tunnels, gates	Hochtief A.G.; Sté des Grands Travaux de Marseilles; Sté des Forges et Ateliers du Creusot	12,000,000	1953	1960
Boylen Engineering Offices: Tilt Cove scheme	Sir Alexander Gibb & Partners.	Hydro-electric development in Newfoundland	Direct labour	150,000	1956	1957
Rio-Caroni-Macagua; Republic of Venezuala	Govt. Commission; Sir William Halcrow & Partners; Kennedy & Donkin.	Hydro - electric scheme, initial stage 250MW capacity	Ets Campenon-Bernard de Venezuela; Voith-Export A.G.	14,000,000	Jan. 1955	1958
Ceylon Hydro-electric Scheme	Preece, Cardew & Rider; Coode & Partners.	Dam power station extension, and other works	Grun & Bilfinger A.G.	2,400,000	1954	1958
Robinson Falls C.E.B. Malaya	Preece, Cardew & Rider; Binnie, Deacon & Gourley.	Intake, pipeline, power house (900 kW) ..	Lee Construction	130,000	1957	1959
Njoke: Electricity Corpn. of Nigeria	Ditto	Reconstruction of intake for installation of second set	P. Keller, Ltd.	90,000	1957	1958
		IRRIGATION (ABROAD)				
Iraq Development Board; Dokan scheme	Binnie, Deacon & Gourley.	Concrete arch dam 385ft. high, 1,170ft. crest length, capacity 1,500,000 m.g.	Societe Dumez-Ballot, Paris .	8,800,000	1954	1959
		Grouting sub-contract	Sondages Injections, Forages, Paris; Cementation Co., Ltd.	2,700,000	1954	1959
Iraq Development Board	Coode & Partners. ..	Wadi Tharthar project: barrage across River Tigris	Ed. Zublin A.G.	9,000,000	Feb. 1953	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		IRRIGATION (ABROAD) *(continued)*				
Colonial Development Corporation	Sir Alexander Gibb & Partners.	Komati River, Swaziland: diversion weir, headworks and canal 40 miles long	J. Laing (S.A.) Pty., Ltd.; Kier & Cawder, Ltd.	950,000	July 1955	Oct. 1957
Dept. of Drainage and Irrigation, British Guiana	Sir William Halcrow & Partners.	Black Bush Polder: drainage and irrigation of 29,000 acres of swamp; roads, bridges, sluices and pumping station	Pauling & Co. (Overseas), Ltd.	2,400,000	Oct. 1957	1961
Diyala-Middle Tigris project: Iraq Development Bd.	Sir M. MacDonald & Partners.	Remodelling existing irrigation and new development	Not yet let	—	1959	—
		Lower Diyala Outfall drains	Not yet let	2,000,000	1958	—
Brunei Govt. ..	Sir Bruce White, Wolfe Barry & Partners	Mulaut irrigation scheme (pilot scheme)	Direct labour; local contracts ..	70,000	1957	1957
		POWER STATIONS (HOME)				
		POWER STATIONS OF THE CENTRAL ELECTRICITY AUTHORITY				
Padiham "B" ..	C. S. Allott & Son. ..	Foundations, superstructure, c.w. system, river works, railways, etc.	M. J. Gleeson (Contr.), Ltd. ..	3,250,000	1957	1960
Berkeley	W. S. Atkins & Partners	Civil engineering works for two nuclear reactors, turbine hall, c.w. system and ancillary buildings	J. Laing & Son, Ltd.; Balfour, Beatty & Co., Ltd.	10,000,000	1957	1960
Brunswick Wharf ..	John Bruce & Partners Ltd.; L. G. Mouchel & Partners Ltd.	Oil fuel tank foundations and associated works	P. Lind & Co., Ltd.	280,000	1957	1959
Willington "A" ..	Ewbank & Partners Ltd. Sir William Halcrow & Partners.	Foundations, c.w. system, steelwork, superstructure, chimneys and cooling towers	Marples, Ridgway & Ptnrs.; Crowley, Russell & Co., Ltd.; E. Wood & Co.; Tileman, Ltd.; Davenport Eng., Ltd.	5,755,000	1954	1959
Hayle	Ewbank & Partners Ltd.	Foundations, superstructure for turbine house extension, turbo-alternator and plant foundations, river works	J. L. Eve Constr. Co., Ltd.	124,000	1956	1958
Castle Donnington	Freeman, Fox & Partners.	Foundations, steelwork, buildings, river works, chimneys, etc.	Taylor Woodrow Constr., Ltd.; Sir W. Arrol & Co., Ltd.; J. L. Kier & Co., Ltd.; and others	7,250,000	1951	1957/9
High Marnham ..	Ditto	Foundations, steelwork, buildings, river works, chimneys, etc.	M. J. Gleeson (Contrs.), Ltd.; Taylor Woodrow Constr., Ltd.; Dorman, Long & Co., Ltd.; Railway & Gen. Eng. Co., Ltd.; Sir A. McAlpine & Son, Ltd.; Mitchell Constr. Co., Ltd.; part not yet let	10,000,000	1955	1961
West Thurrock ..	Sir Alexander Gibb & Partners; Eastern Division, C.E.A.	Foundations, river works, etc.	G. Percy Trentham, Ltd.; part not yet let	7,000,000	Dec. 1957	—
Portishead "B" ..	Sir William Halcrow & Partners.	Foundations, c.w. system, structural steelwork, superstructure and chimneys	C. Brand & Son, Ltd.; Sir W. Arrol & Co., Ltd.; J. Laing & Son, Ltd.	6,560,000	Nov. 1951	1959
Marchwood	Ditto	Foundations, c.w. system, steelwork, superstructure, chimneys and extension to existing works	Sir R. McAlpine & Sons, Ltd.; A. Findlay & Co., Ltd.; Staverton Bldrs., Ltd.; Baxter Bros.; Chimneys, Ltd.; J. L. Kier & Co.	6,733,000	Aug. 1952	1959
Stockport	Ditto	Repair or cooling water tunnels	L. Fairclough, Ltd.	450,000	Apr. 1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		POWER STATIONS (HOME) (*continued*)				
Chadderton	Kennedy & Donkin; L. G. Mouchel & Partners, Ltd.	Foundations and buildings, c.w. system, cooling tower, chimney	F. Mitchell & Son, Ltd.; M. J. Gleeson, Ltd.; E. Wood & Co., Ltd.; J. Jarvis & Sons, Ltd.; Davenport Eng. Co., Ltd.; P. C. Richardson & Co., Ltd.	5,000,000	1949	1958
Huncoat (Accrington)	Ditto	Foundations and buildings, c.w. system	J. Jarvis & Sons, Ltd.; J. Gerrard & Sons, Ltd.; Bierrum & Ptnrs., Ltd.; Simon-Carves, Ltd.	3,400,000	1948	1959
Rogerstone	Kennedy & Donkin; Sir Bruce White, Wolfe Barry & Partners.	Piling; access roads; main civil engineering; steelwork; chimney; stator lifting equipment	Tarmac, Ltd.; A. Waddington & Sons, Ltd.; Sir R. McAlpine & Sons (South Wales), Ltd.; Braithwaite & Co.; J. L. Keir & Co., Ltd.; Film Cooling Towers, Ltd.; Braithwaite & Co. (Struct.), Ltd.; Stracham & Henshaw, Ltd.	2,200,000	1954	1957
Fleet	Kennedy & Donkin. ..	Civil engineering works at 132/275kV substation	J. L. Eve Constr. Co., Ltd.	200,000	1957	1959
Penwortham ..	Ditto	Civil engineering works for extensions to 132/275kV substation	Not yet let	80,000	1958	1958
Gloucester	Ditto	Civil engineering works for 132kV switching station	Not yet let	115,000	1957	1958
Pyle	Ditto	Civil engineering work for extensions to 132/275kV substation	Dow-Mac (Products), Ltd.; G. Wimpey & Co., Ltd.	70,000	1957	1958
Blyth "A"	Merz and McLellan ..	Foundations and superstructures; site-works for 66 kV switch-house and 275 kV sub-station; steel frames for boiler and turbine houses and ancillary buildings; two r.c. chimneys	Sir R. McAlpine & Sons (Newcastle-on-Tyne), Ltd.; Cleveland Bridge & Eng. Co., Ltd.; Wright, Anderson & Co., Ltd.; Holst & Co., Ltd.	4,789,000	May 1955	—
Aberthaw	Ditto	Structural steelwork for boiler house and other buildings	South Durham Steel & Iron Co., Ltd.	676,000	Nov. 1957	May 1959
Poole	Merz and McLellan; L. J. Couves and Partners.	Steel-framed buildings for turbine house and boiler house	A. Findley & Co., Ltd.	200,000	May 1956	Aug. 1957
		Superstructure for main and ancillary buildings	J. Drewitt & Co., Ltd.	167,000	Oct. 1956	Nov. 1957
Tilbury	Merz and McLellan; Sir Alexander Gibb & Partners.	Roads, railways, piling and foundations, buildings, river works, tunnels, chimneys, precipitator casings, etc.	Holloway Bros. (London), Ltd.; Berrum & Ptnrs.; W. Lawrence & Sons, Ltd.; Tileman & Co., Ltd.	5,750,000	July 1950	—
Goldington	Ditto	Foundations and buildings, river works, chimneys, precipitator casings, cooling towers, etc.	Mitchell Constr. Co.; Bierrum & Ptnrs.; Film Cooling Towers (1925), Ltd.	2,500,000	June 1950	1957
Skelton Grange "B"	Ditto	Foundations, buildings and ancillary works	Not yet let; Mitchell Constr. Co.	5,000,000	Sept. 1955	—
Meaford "B" ..	Ditto	Foundations, buildings, railway sidings, approach road, cooling towers, chimney, ash settling ponds	G. Perry Trentham, Ltd.; Davenport Eng., Co., Ltd.	2,500,000	Oct. 1950	1957
Blyth "A"	Ditto	Circulating water works	Sir R. McAlpine & Sons (Newcastle-on-Tyne), Ltd.	1,300,000	Apr. 1956	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		POWER STATIONS (HOME) *(continued)*				
Aberthaw	Merz and McLellan; Rendel, Palmer & Tritton.	Road and rail access, river diversion and preliminary works	J. Morgan (Builders), Ltd. ..	1,130,000	Jan. 1956	Mar. 1957
		Pilot access tunnel	Kinnear Moodie & Co., Ltd. ..	—	Jan. 1956	Apr. 1957
		Foundations, culverts, turbine house frame and miscellaneous works	J. Morgan (Builders), Ltd. ..	1,500,000	Apr. 1957	1959
		Circulating water works including tunnels and pump house	E. Nuttall Sons & Co., Ltd. ..	3,000,000	May 1957	1959
Poole (Dorset) ..	Merz & McLellan; Mott, Hay & Anderson.	Extension of existing station, foundations, etc.	G. Wimpey & Co., Ltd.	350,000	1955	1957
Ferrybridge "B" ..	Mott Hay & Anderson ..	Main foundations, steelwork, etc., chimneys	G. Wimpey & Sons, Ltd.; United Steel Sruct. Co., Ltd.	3,500,000	1952	1957
Rugeley, Staffs ..	Ditto	Initial site works: foundations and superstructure, structural steel	Sir A. McAlpine & Sons, Ltd.; J. L. Keir & Co., Ltd.; Horseley Bridge & T. Piggott, Ltd.	3,500,000	1956	1960
Brighton "B" ..	L. G. Mouchel & Partners Ltd.	Final extensions, foundations, buildings and chimney	Holloway Bros. (London), Ltd.; J. Morgan (London), Ltd.; Redpath Brown & Co., Ltd.	1,000,000	1953	—
Agecroft "B" (H.P.)	Ditto	Foundations, superstructure, c.w. system, and ancillary works; steelwork and chimney	M. J. Gleeson (Contrs.), Ltd.; E. Wood & Co., Ltd.; P. C. Richardson & Co. (Middlesbrough), Ltd.	2,200,000	1955	1959
Drakelow "B" ..	Ditto	Foundations, superstructure, structural steelwork and chimneys	M. J. Gleeson (Contrs.), Ltd.; J. Gerrard & Sons, Ltd.; South Durham Steel & Iron Co., Ltd.; D. Theaker & Co., Ltd.	—	—	—
Hams Hall "C" ..	Ditto	Foundations, superstructure, c.w. system, prestressed bridges, etc.	Sir R. McAlpine & Sons (Midlands), Ltd.; Braithwaite & Co. (Struct.), Ltd.	5,000,000	1952	—
Lincoln	Ditto	Second extension, piling, foundations, superstructure, cooling towers, etc.	———	1,000,000	—	—
Northfleet	Ditto	River works, foundations, superstructure, r.c. chimneys, admin. block and ancillary works; coal and ash handling foundations	Taylor Woodrow Constr., Ltd.; Redpath Brown & Co., Ltd.; Tileman & Co., Ltd.	5,500,000	—	—
Plymouth "B" Extensions	Ditto	Oil tank foundations; main building ..	J. Laing & Son, Ltd.; not yet let	6,600,000	1957	—
Uskmouth "B" ..	Ditto	Foundations, steelwork, superstructure, chimneys	J. Morgan (London), Ltd.; part not yet let	—	—	—
Bradwell	Rendel, Palmer & Tritton.	Nuclear power station	Sir Robert McAlpine, Ltd. ..	—	Jan. 1957	1960
Berkeley	Ditto	Ditto	Balfour Beatty, Ltd.	—	Jan. 1957	1960
Hinkley Point ..	Ditto	Ditto	Taylor Woodrow, Ltd.	—	Sept. 1957	1961
Ince	Ditto	Civil works for conversion to dual firing	J. L. Kier & Co., Ltd.	—	1956	1957
South Denes ..	Ditto	Foundations, river works, c.w. culverts and sea outfall	P. Lind & Co., Ltd.	1,500,000	1954	1957
Bold "B," St. Helens	James Williamson and Partners.	Foundations and ancillary works, structural steelwork, cooling towers, superstructure chimney	R. Costain, Ltd.; A. Findlay & Co., Ltd.; Davenport Eng. Co., Ltd.; Holst & Co., Ltd.; J. Jarvis & Son, Ltd.; P. C. Richardson & Co., Ltd.	1,700,000	1955	1959

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		POWER STATIONS (HOME) (*continued*)				
Acton Lane	Central Electricity Authority.	Cooling tower, structural steelwork ..	Film Cooling Towers, Ltd.; Redpath Brown & Co., Ltd.	—	1956	—
		"B" station superstructure	Sir R. McAlpine & Sons, Ltd.	—	1957	—
Little Burford "B"	Ditto	Foundations and buildings; two cooling towers	Mitchell Constr., Ltd.; Yorkshire Hennebique Contr. Co., Ltd.	—	1956	—
Elland	Ditto	Cooling tower	Davenport Eng. Co., Ltd.	—	1956	—
Spondon "B" ..	Ditto	Main foundations; steelwork	J. Gerrard & Sons, Ltd.; E. Wood & Co., Ltd.	—	1957	—
Belvedere	Ditto	Superstructure; steelwork	M. J. Gleeson (Contrs.), Ltd.; Sir W. Arrol & Co., Ltd.	—	1957	—
Drakelow "B" ..	Ditto	Three cooling towers	Davenport Eng. Co., Ltd.	—	1957	—
Ferrybridge "B"	Ditto	Cooling tower	Ditto	—	1957	—
		POWER STATIONS OF THE SOUTH OF SCOTLAND ELECTRICITY BOARD				
Chapelcross	Kennedy & Donkin. ..	Site and civil engineering works for 132kV substation	Mitchell Constr. Co., Ltd.	63,000	1956	1958
Kincardine	Ditto	Site levelling, r.c. piling and civil engineering works for 132kV substation and buildings	Simplex Concrete Piles Ltd.; Yorkshire Hennebique Contr. Co., Ltd.	150,000	1956	1958
Neilston	Kennedy & Donkin. ..	Site and civil engineering works for 132kV substation	Not yet let	98,000	1958	1958
Hunterston	Ditto	132kV switch house building	Not yet let	240,000	1958	1959
Hunterston	Kennedy & Donkin; James Williamson and Partners.	Foundations, steelwork, c.w. system, superstructures, etc., for nuclear power station	G.E.C. Simon-Carves Atomic Energy Group	10,000,000	1956	1961
Kincardine	Ditto	Roads and bridges, structural steelwork, foundations, buildings, c.w. system, sea wall, ash disposal works, chimney, etc.	Mowlem (Scotland), Ltd.; Redpath Brown & Co.; Holloway Bros., Ltd.; Yorkshire Hennebique Co., Ltd.; R. C. Richardson & Co., Ltd.	7,000,000	1955	1958
Dalmarnock	Strain & Robertson; Ronald Walker & Co.	Reconstruction: foundations, structural steelwork, r.c. chimney, buildings, railway sidings, etc.	Holloway Bros. (London), Ltd.; W. & J. R. Watson, Ltd.; Redpath Brown & Co., Ltd.; A. Tileman & Co., Ltd.; H. Leggat, Ltd.; B.C.S. (Engs. & Contrs.), Ltd.	1,700,000	1952	1957
Barony, Ayrshire ..	James Williamson and Partners.	Foundations and ancillary works, structural steelwork, superstructure, cooling towers, chimney	J. Laing & Son, Ltd.; Colville Constr. Co., Ltd.; Bierrum & Ptnrs.; Tileman & Co., Ltd.	1,100,000	1953	1957
N.C.B., Grimethorpe	Blyth & Blyth	R.C. superstructure and ancillary works ..	J. Miller & Ptnrs., Ltd.	300,000	1955	1957
BP Refinery (Kent). Ltd.	British Petroleum Company.	Additional steam raising plant	Parolle, Ltd.; Spearing & Ptnrs.; Sir R. McAlpine, Ltd.	—	Dec. 1955	Jan. 1958
North Thames Gas Board	Brian Colquhoun & Partners.	Foundations and superstructure of power house at products works, Redston	Sir R. McAlpine & Sons, Ltd. ..	131,000	Oct. 1953	1957
BP Refinery (Grangemouth), Ltd.	Farmer & Dark; British Petroleum Company.	Additional generating plant	G. Wimpey & Co.; C. A. Parsons	—	Jan. 1956	Oct. 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		POWER STATIONS (HOME) *(continued)*				
Bowaters United Kingdom Pulp & Paper Mills, Ltd.	Ewbank & Partners Ltd.	Thames Mill power plant extensions; foundations, superstructure and chimneys	Higgs & Hill, Ltd.	506,000	1954	1958
		Mersey Mill power plant extensions; foundations and superstructure	J. Gerrard & Sons, Ltd.	300,000	1955	1958
United Kingdom Atomic Engineering Authority: Dounreay Project	Sir William Halcrow & Partners.	Cooling water system	Whatlings, Ltd.; Gwynnes Pumps, Ltd.; F. W. Brackett & Co., Ltd.	456,000	June 1955	1957
		Dounreay tunnel: unlined tunnel and installation of pipework	Whatlings, Ltd.	275,000	Apr. 1956	1957
Londonderry (Coolkeeragh Generating Station)	Kennedy & Donkin; Sir Alexander Gibb & Partners.	Site investigation foundations, building, c.w. system and jetty	Sir A. McAlpine & Sons, Ltd.; Harland & Wolff, Ltd.; Brand & Sons, Ltd.; Braithwaite & Co., Engrs., Ltd.; J. Thom, Ltd.	1,000,000	1956	1959
Stork Margarine Works, Purfleet	Merz and McLellan ..	Demolitions, foundations and buildings for boiler and turbine houses for Unilever, Ltd.	G. Percy Trentham, Ltd.	110,000	May 1956	Mar. 1958
City and County Borough of Belfast	Merz & McLellan; James Williamson & Partners.	Municipal Power Station West: foundations and superstructure	Stewart & Ptnrs., Ltd.; A. Jackman & Son, Ltd.; J. M. Reilly, Ltd.	820,000	1954	1957
U.K. Atomic Energy Authority	L. G. Mouchel & Partners Ltd.	Cooling towers and c.w. system at Calder Hall	Taylor Woodrow Constr., Ltd. ..	800,000	1954	—
		Cooling towers and c.w. system at Chapelcross	Mitchell Constr., Ltd.	600,000	1956	—
		Cooling towers and c.w. system at Capenhurst	Ditto	300,000	1956	—
		POWER STATIONS (ABROAD)				
Karachi "B": Karachi Electric Supply Corpn., Ltd.	Brian Colquhoun & Partners; Handcock & Dykes.	Foundations, c.w. system, superstructure, chimneys, ancillary buildings and roads	Omar Sons, Ltd.; Herman & Mohatta, Ltd.; Sainrapt et Brice S.A.; J. M. Macdonald & Co., Ltd.	873,000	1953	1957
		66kV overhead transmission line: towers, foundations and substation buildings	Cementation Co., Ltd.; British Insulated Callender's Cables, Ltd.; Macdonald Layton & Co., Ltd.	160,000	1955	1957
Kuwait Oil Co., Ltd.	Bechtel International Corp.; G. Wimpey & Co., Ltd.	Extensions to power plant at Mina al Ahmadi: 15 MW. capacity, steam generating and sea water evaporation plant	Kuwait Bechtel Corpn.; G. Wimpey & Co., Ltd.	3,300,000	Jan. 1956	Dec. 1957
				$		
Saskatchewan Power Corpn.: Boundary Dam generating station	Ewbank & Partners (Canada) Ltd.	Foundations, steelwork, superstructure, etc., for two 66 MW. turbo-alternators and two 630,000 lb./hr. boilers	P. W. Graham & Sons, Ltd.; Dominion Bridge Co., Ltd.	3,000,000	1957	1959
				$		
Manitoba Hydro-Electric Bd.: Selkirk generating station	Ditto	Foundation, steelwork, superstructure, etc., for two 66MW. turbo-alternators and two 600,000 lb./hr. boilers	Pearson Constr. Co., Ltd.; Vulcan Iran & Eng., Ltd.	3,000,000	1957	1959
				£		
H.H. The Ruler of Kuwait	Ewbank & Partners Ltd.	Power station "B"; foundations; c.w. system; superstructure, etc.	The Kuwaiti Austrian Eng. Co.	1,092,000	1956	1958
Govt. of Bahrain ..	Ditto	Foundations, steelwork and buildings ..	Arabian Constr. & Maintenance Eng. Co.	240,000	1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		POWER STATIONS (ABROAD) *(continued)*				
Southern Societa Elettronucleare Nazionale	Kennedy & Donkin; Internuclear Co. (U.S.A.).	Site investigations and assessment of tenders for complete nuclear power station in Southern Italy	Not yet let	—	1957	1958
Tata Iron & Steel Co., Ltd., Hamshedpur	Associated Consulting Engineers (India).	New boiler house and foundations	Babcock & Wilcox of India, Ltd.	180,000	1954	1957
Pretoria Corpn., Pretoria "B"	Merz & McLellan; F. E. Kanthack & Partners (Johannesburg)	Cooling tower No. 4; miscellaneous civil and building work	A. Stuart, Ltd.	195,000	Aug. 1957	Dec. 1958
City of Capetown: Athlone	Merz & McLellan; F. E. Kanthack & Partners (Johannesburg)	Foundations and other civil works	Christiani & Neilson (S.A.) Pty., Ltd.	190,000	July 1957	June 1958
	Merz and McLellan. ..	Steel frame buildings for turbine house and boiler house	Patchett Steel Constr. Pty., Ltd.	424,000	Dec. 1957	Jan. 1959
City of Salisbury, S. Rhodesia	Merz & McLellan; F. E. Kanthack & Partners (Johannesburg)	Buildings for two 30 MW turbo-generators and boilers	Roberts Constr. Co., Ltd.	375,000	Apr. 1954	Nov. 1957
Johannesburg Corporation, Kelvin "A"	Ditto	Foundations, railway sidings, coal store and handling plant, superstructures, cooling towers, c.w. system, switchyard	African Batignolle Constr. (Pty.), Ltd.; Roberts Constr. Co., Ltd.; A. Williams & Dowse, Ltd.; A. Stuart, Ltd.	1,350,000	July 1953	1959
City Council of Bloemfontein	Merz and McLellan (South Africa); Sir Alexander Gibb & Partners (Africa).	Cooling towers and new power station with extensions	Lewis Contr. Co. Pty. (S. Africa)	875,000	Nov. 1950	—
Dominion of New Zealand: Wairakei geothermal project	Merz and McLellan; Sir Alexander Gibb & Partners.	Foundations for "A" power station, water cooling systems and steam mains, buildings and services	International Contr, Ltd.	3,000,000	June 1957	—
Penang City Council	Preece, Cardew & Rider; Freeman, Fox & Partners.	Penang power station: foundations, aqueducts, buildings, etc.	Gammon (Malaya), Ltd.	350,000	May 1955	Mar. 1957
Central Electricity Board, Malaya	Ditto	Malacca power station: foundations, aqueducts, buildings, etc.	Gammon (Malaya), Ltd.; Redpath Brown & Co., Ltd.; part not yet let	550,000	Mar. 1957	1959
Dominion of New Zealand: Mercer Power Station	Preece, Cardew & Rider; Sir Alexander Gibb & Partners.	Foundations, cooling water system, buildings, services, railway sidings, turbine and boiler, etc. plant	Morrison-Downer-Ferguson (Site Contract)	7,000,000	Apr. 1956	—
Electricity Authority of Cyprus	Preece Cardew & Rider; Scott & Wilson, Kirkpatrick & Partners.	Dekhelia power stations, extensions ..	Sir L. Parkinson & Co., Ltd. ..	210,000	Apr. 1953	1959
		RAILWAYS (HOME)				
		WORKS OF BRITISH RAILWAYS:				
Greenwood - Potters Bar	B.R., Eastern Region. *A. K. Terris. M.I.C.E.*; Sir William Halcrow & Partners.	Widening, construction of new tunnels, station alterations	C. Brand & Son, Ltd.	2,744,600	Aug. 1955	June 1959

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Temple Mills ..	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*	Reconstruction of marshalling yard ..	Brightside Foundry & Eng. Co., Ltd.; Sir L. Parkinson & Co., Ltd.; Westinghouse Brake & Signal Co.; Johnson Philips, Ltd.; Tersons, Ltd.; W. & C. French, Ltd.; Kirk & Kirk, Ltd.; Rush & Tompkins	2,513,553	Sept. 1954	Sept. 1958
Chesterton Junction	Ditto	Provision of central permanent way depot	W. Sindall, Ltd.; Vaughan Crane Co., Ltd.; Paterson Hughes Eng. Co., Ltd.; Rownson Drew & Clydesdale, Ltd.	406,897	Nov. 1954	Nov. 1957
Barking	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*; Sir William Halcrow & Partners	New railhead depot at Ripple Lane: buildings, roads, etc.	S. Williams & Sons, Ltd.; W. & C. French, Ltd.	188,275	Nov. 1955	Dec. 1957
Barking	B.R., Eastern Region *A. K. Terris, M.I.C.E.*	Remodelling of tracks, demolitions, etc.	W. & C. French, Ltd.	1,413,481	June 1956	Jan. 1958
Btn. Blunham & Sandy	Ditto	New underline bridge	Dorman Long & Co., Ltd.	106,421	Sept. 1956	Mar. 1958
Cambridge	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*; Sir William Halcrow & Partners	Maintenance facilities for diesel rail cars	M. J. Gleeson (Contrs.), Ltd.; Wright Anderson Co., Ltd.; Holmpress Piles, Ltd.	150,761	Nov. 1956	Jan. 1958
Stratford	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*	Ditto	Wilson Lovatt & Sons, Ltd.; Wright Anderson Co., Ltd.; Holmpress Piles, Ltd.	147,885	Jan. 1957	Apr. 1958
Doncaster, motive power depot	Ditto	Reconstruction of roof of engine shed ..	G. Simpson (London), Ltd. ..	57,654	Mar. 1957	Sept. 1958
Enfield - Chingford-Hertford-Bishop's Stortford electrification	Ditto	Reconstruction of superstructures:				
		five overbridges between Hackney Downs and Clapton	Higgs & Hill, Ltd.	392,930	Feb. 1957	Sept. 1957
		six overbridges between Hackney Downs and Bruce Grove	A. Jackaman & Son, Ltd.	392,930	Jan. 1957	Mar. 1958
		five overbridges between Hoe Street and Highams Park	W. & C. French, Ltd.	392,930	July 1957	Mar. 1958
London - Tilbury - Southend electrification	Ditto	Alterations to superstructures: eight overbridges between Upminster and Pitsea	A. Jackaman & Son, Ltd.	382,369	Jan. 1957	Mar. 1958
		nine overbridges between Plaistow Upminster and Grays	W. & C. French, Ltd.	382,369	Sept. 1957	June 1958
Cambridge	Ditto	Office accommodation	Gilbert Ash, Ltd.	84,950	Feb. 1957	Nov. 1957
Barking, Ripple Lane	B.R., Eastern Region *A. K. Terris, M.I.C.E.*; Sir William Halcrow & Partners.	Earthworks, track laying, culverts, drains, piling, buildings, roadways, etc., and reconstruction of bridge	W. & C. French, Ltd.	2,289,894	June 1956	Oct. 1958
Ilford	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*	Extension of car depot: earthworks, inspection pits, column foundations, drainage, culvert and other works	G. Wimpey & Co., Ltd.	937,340	Apr. 1957	Sept. 1957
		steelwork: precast concrete roof beams and columns	W. & C. French, Ltd.	937,340	Nov. 1957	May 1958
Peterborough North	Ditto	New goods depot: office block and buildings	Gilbert Ash, Ltd.	408,461	Nov. 1957	Dec. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Peterborough North	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*; Sir William Halcrow & Partners.	New goods depot: shed, earthworks, drainage, roads surfacing, etc.	R. Price	408,461	July 1957	Jan. 1959
Bet. Stepney (East) and Bow Road	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*	Reconstruction of superstructures of three underline bridges	J. Westwood & Co., Ltd.	58,500	Oct. 1957	Mar. 1958
Lincoln: modernisation of Holmes Yard goods depot	B.R., Eastern Region. *A. K. Terris, M.I.C.E.*; C. H. Dobbie & Partners	Perambulation shed, ancillary buildings and all services	William Moss & Sons, Ltd. ..	186,129	Sept. 1957	Aug. 1958
Liverpool Exchange Station	B.R., London Midland Region; *J. Taylor Thompson, M.I.C.E.*	Renewal of roof	Robertsons Building Service; Mellowes & Co., Ltd.; Demolition & Constr. Co., Ltd.; and others	121,500	Aug. 1950	Nov. 1958
Leicester	Ditto	Modernisation of motive power depot ..	Gee Walker & Slater, Ltd.; H. Lees & Co., Ltd.; J. Boyd & Co. (Engrs.), Ltd.; Ashwell & Nesbit, Ltd.	385,457	May 1951	Nov. 1957
Crewe North ..	Ditto	Modernisation of motive power depot ..	Fairclough, Ltd.; S. & C. Walmsley, Ltd.; Robertson Thain, Ltd.; Mellowes & Co., Ltd.; Sanders & Taylor, Ltd.; Falks, Ltd.	900,000	Aug. 1953	1958
Carlisle Citadel Station	Ditto	Renewal of roof	Demolition & Constr. Co., Ltd.; Weston & Co. (Manchester), Ltd.; S. Butler & Co., Ltd.; Mellowes & Co., Ltd.	213,290	Oct. 1954	Nov. 1958
Chester General Station	Ditto	Renewal of roof	Demolition & Constr. Co., Ltd.; Weston & Co. (Manchester), Ltd.; W. G. Kaleyards, Ltd.	161,339	Nov. 1954	Nov. 1958
Clay Cross	Ditto	Sidings for N.C.B. coke oven plant	L. Fairclough, Ltd.; Butterley Co., Ltd.; Soil Mechanics, Ltd.	400,000	Nov. 1954	Dec. 1957
Euston Station ..	Ditto	Modernisation of circulating area at the end of platforms 12-15	C. Booth & Son, Ltd.; Gee Walker & Slater, Ltd.; E. A. Foulds, Ltd.	192,233	Mar. 1955	May 1957
Birmingham, Vauxhall	Ditto	Carriage shed: renewal of roof, pits, pavings, etc.	British Challenge Glazing Co., Ltd.; E. Wood & Sons, Ltd.; G. F. Tomlinson & Sons, Ltd.	109,700	May 1955	July 1958
Dublin, North Wall & Hollyhead cross channel traffic	Ditto	Improved cranage and terminal facilities	South of Ireland Asphalt Co., Ltd.; and others	523,536	May 1955	1958
Longsight: motive power depot	Ditto	Reconstruction of South shed—renewal of pits and paving, etc.	C. R. Price; and others	103,637	July 1955	May 1957
Preston: passenger station	Ditto	Reconstruction of roof	Weston & Co., Ltd.; Demolition & Constr. Co., Ltd.; C. R. Price; Mellowes & Co., Ltd.	142,828	Sept. 1955	June 1958
Manchester, Ordsall Lane	Ditto	Reconstruction of carriage shed, etc. ..	Contract and direct labour ..	179,927	Nov. 1954	July 1958
Barrow Central Stn.	Ditto	Reconstruction of station	Ed. Wood & Sons, Ltd.	117,590	Jan. 1956	Aug. 1958
Saltley	Ditto	Modernisation of motive power depot ..	West's Constr. Co., Ltd.	196,300	Nov. 1956	Nov. 1958
Kentish Town motive power depot	B.R., London Midland Region; *J. Taylor Thompson, M.I.C.E.*	Renewal of No. 1 engine shed roof, pits and pavings	Aston Constr. Co.; Caffin & Co.	63,874	Nov. 1956	Jan. 1958
Derby	Ditto	Test house for diesel locomotives	C. R. Price	78,941	May 1956	Nov. 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Birkenhead Grange Lane	B.R., London Midland Region; *J. Taylor Thompson, M.I.C.E.*	Modernisation of carriage depot	L. Fairclough, Ltd.; and others	209,213	Mar. 1956	Dec. 1958
Carlisle Upperby ..	Ditto	Modernisation of motive power depot ..	J. Laing & Son, Ltd.; and others	214,725	June 1956	1958
Liverpool Kirkdale	Ditto	Modernisation of carriage depot	Harbour & General Works, Ltd.; Morrison & Sons, Ltd.	143,364	May 1956	Jan. 1958
Liverpool Spekeland Road	Ditto	Modernisation of goods depot	Norwest Constr. Co., Ltd.; and others	117,900	Sept. 1956	Feb. 1958
Buxton	Ditto	Servicing and maintenance depot for lightweight diesel trains	L. Fairclough, Ltd.; Salopian Engineers, Ltd.	119,670	Nov. 1956	Jan. 1958
Stoke-on-Trent ..	Ditto	Ditto	Ditto	222,175	Nov. 1956	Apr. 1958
Crewe to Manchester electrification	Ditto	Increased track clearances	Norwest Constr. Co., Ltd.; Butterley Co., Ltd.; and others			
		Reconstruction and extension of station platforms	Demolition & Constr. Co., Ltd.	17,661,740	July 1956	1959
		Crewe: erection of construction depot ..	Harbour & General Works, Ltd.			
Kirkby-in-Ashfield	Ditto	Modernisation of motive power depot ..	T. Fletcher & Co., Ltd.	179,500	Oct. 1957	Oct. 1958
Bow, Devons Road	Ditto	Diesel repair shop at motive power depot	Harbour & General Works, Ltd.	68,800	Sept. 1957	Feb. 1958
Coventry	Ditto	Station reconstruction	R. M. Douglas (Contrs.), Ltd.; and others	273,000	Oct. 1957	May 1959
Derby, carriage & wagon works	Ditto	Diesel repair shop	Redpath Brown & Co., Ltd. ..	176,000	Aug. 1957	Mar. 1958
Liverpool, Lime St.	Ditto	Renewal of roof coverings	Industrial Engineering, Ltd. ..	75,000	Jan. 1957	Mar. 1958
Blackpool Central motive power depot	Ditto	Improved amenities and engine shed roof	Atherton Bros (Blackpool), Ltd.	67,500	Feb. 1957	June 1958
Willesden Junction	Ditto	Reconstruction of high level station ..	Demolition & Constr. Co. ..	90,180	Sept. 1956	June 1957
Clay Cross	Ditto	Relining, repointing and repairs to tunnel	A. E. Knights	149,000	June 1957	Dec. 1958
Castleton	Ditto	Flash butt welding depot	Contract and direct labour ..	165,000	Oct. 1957	Sept. 1958
Radcliffe Central Station	Ditto	Reconstruction	Direct labour	93,999	June 1957	July 1958
Euston-Crewe electrification	Ditto	Deep reballasting	Direct labour	275,000	Jan. 1957	Dec. 1957
Clifton Hall	Ditto	Filling in of tunnel	Direct labour	52,082	Nov. 1957	Dec. 1958
Elton Viaduct ..	Ditto	Reconstruction as cellular embankment	Direct labour	95,200	July 1957	June 1958
Thornaby	B.R., North Eastern Region; *A. Dean, M.I.C.E.*	New motive power depot	A. Robinson (Contrs.), Ltd.; H. Lees & Co., Ltd.; Yorkshire Hennebique Contr. Co., Ltd.; Newton Chambers & Co., Ltd.; E. Davis (Fixers), Ltd.; L. C. Abdale & Son; C. R. Price; Tarslag, Ltd.	1,221,824	Oct. 1953	Mar. 1958
Newcastle Central..	Ditto	Colour light signalling and amalgamation of signal boxes	E. Davis (Fixers), Ltd.; G. C. Hadden & Hillman, Ltd.	829,223	Oct. 1955	Mar. 1958
Darlington	Ditto	Diesel rail car depot	A. Monk & Co., Ltd.; R. Blackett & Son, Ltd.; Tubewrights, Ltd.	325,830	Apr. 1956	Sept. 1957
South Gosford car sheds	Ditto	Facilities for maintenance of multiple unit diesel train sets	Gibson Bros, (Contrs.), Ltd. ..	73,522	Apr. 1956	Nov. 1957
Gateshead, Greensfield motive power depot	Ditto	Modernisation of facilities; roof renewals	Tarslag, Ltd.	124,877	Mar. 1956	Nov. 1957
York North motive power depot	Ditto	Remodelling in conjunction with roof renewals	S. Butler & Co., Ltd.; F. Shepherd & Son, Ltd.	317,665	Nov. 1956	Apr. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Leeds, Neville Hill motive power depot	B.R., North Eastern Region; *A. Dean, M.I.C.E.*	Roof renewals and modernisation	S. Butler & Co., Ltd.; E. Davis (Fixers), Ltd.; part not yet let	176,935	Nov. 1956	Sept. 1958
York Old Station ..	Ditto	Office accommodation	E. Davis (Fixers), Ltd.; T. Belt & Son, Ltd.	143,067	Nov. 1956	Dec. 1958
Hull Dairycoates motive power depot		Remodelling in conjunction with roof renewals	Holmpress Piles, Ltd.; E. Davis (Fixers), Ltd.; Tarslag, Ltd.; direct labour	194,322	Nov. 1956	Dec. 1958
Heaton	B.R., North Eastern Region; *A. Dean, M.I.C.E.;* John Dossor.	Reconstruction of carriage cleaning and standage shed	W. & J. R. Watson, Ltd.	135,347	June 1957	Mar. 1958
Tyne Dock Simonside	B.R., North Eastern Region; *A. Dean, M.I.C.E.;* W. H. S. Tripp	Improved wagon repair facilities	Tarslag, Ltd.	205,058	Sept. 1957	July 1958
West Blyth Staiths	B.R., North Eastern Region; *A. Dean, M.I.C.E.*	Re-decking and strengthening of Staiths	Dowsett Eng. Const., Ltd.	145,178	June 1957	Feb. 1958
Dinsdale	Ditto	Permanent way depot including automatic flash butt welding plant	Wright Anderson & Co., Ltd.; Cawood Wharton & Co., Ltd.; R. Blackett & Son, Ltd.	179,882	June 1957	June 1958
Stockton	Ditto	Modernisation of goods depot	J. W. Ellis & Co., Ltd.; part not yet let	139,533	Nov. 1957	Dec. 1958
Glasgow, Eastfield	B.R., Scottish Region. *M. G. Maycock, M.I.C.E.*	Improved facilities and new machine shop	W. Baird & Son, Ltd.; Webster Bannerman & Co., Ltd.	113,291	Nov. 1954	Dec. 1957
Alloa	Ditto	New marshalling yard	Mowlem (Scotland), Ltd.; J. Best (Contr.), Ltd.; Malcolm & Allan, Ltd.; Grant Lyon & Co., Ltd.	483,803	Aug. 1955	Mar. 1957
Leith Central ..	Ditto	Facilities for maintenance of multiple unit diesel trains	McKean & Co. (Glasgow), Ltd.; Stewart Roofing Co., Ltd.; A. Melville & Son, Ltd.	184,218	Sept. 1955	Mar. 1957
Edinburgh, Millerhill	Ditto	New marshalling yard	Crowley Russell Co., Ltd.; J. Miller & Ptnrs., Ltd.	2,941,283	Oct. 1955	Mar. 1960
Drongan	Ditto	Branch line to new colliery at Killoch ..	Murdoch & Mackenzie, Ltd. ..	198,353	Dec. 1955	Dec. 1957
Glasgow, Central Station	Ditto	Modernisation of station	Morrison Dunbar & Co., Ltd. ..	91,000	Nov. 1956	Apr. 1958
Glasgow	Ditto	Additional facilities at Cadder marshalling yard	Mowlem (Scotland), Ltd.	106,951	Oct. 1956	Dec. 1957
Extension for Colvilles, Ltd.	Ditto	Schemes at General Terminus and Clyde Iron Works (Glasgow) and Ravenscraig (Motherwell)	McKean & Co. (Glasgow), Ltd.; H. M. Murray & Co., Ltd.; A. McDougall & Co.; Hunter & Clark; J. Laidlaw & Son, Ltd.	400,000	Dec. 1955	Dec. 1957
Townhill Junction	Ditto	New depot for carriage and wagon engineer	Wilson, Kinmond & Marr, Ltd.; McKean & Co. (Glasgow), Ltd.; A. Findlay & Co., Ltd.	383,000	Aug. 1956	Sept. 1958
Corkerhill	Ditto	Improved staff accommodation	R. M. Gibson & Co., Ltd.; J. Laidlaw & Sons, Ltd.	70,619	Jan. 1957	Aug. 1958
Cambus Viaduct ..	Ditto	Renewal of superstructure	P. & W. MacLellan, Ltd.	65,000	Dec. 1957	Jan. 1959
Langbank	Ditto	Construction of new underbridge	P. & W. MacLellan, Ltd.; Murdoch Mackenzie, Ltd.	84,000	Oct. 1957	July 1958
Glasgow, St. Rollox Works	Ditto	Centralised boiler plant	Wilson, Kinmond & Marr, Ltd.	284,913	Nov. 1956	Dec. 1958
Edinburgh, Craiglockhart/Slateford	Ditto	New connecting line, etc.	J. Miller & Ptnrs., Ltd.	698,808	May 1957	Mar. 1960

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Glasgow, Sighthill	B.R., Scottish Region, *M. G. Maycock, M.I.C.E.*	New goods terminal	J. N. Connell, Ltd.; Fleming Bros. (Struc. Engrs.), Ltd; Holland and Hannen & Cubitts (Scotland), Ltd.	2,237,468	May 1957	Dec. 1960
Perth	Ditto	New marshalling yard and concentration of signal boxes	J. White (Contrs.), Ltd.; Girlings Ferro Concrete Co., Ltd.	2,171,964	Mar. 1957	Jan. 1962
Glasgow, Eglinton St., etc.	Ditto	Concentration of parcels traffic	A. & J. Faill, Ltd.; Fleming Bros. (Struct. Engrs.), Ltd.	170,286	June 1957	Feb. 1959
Glasgow	Ditto	Electrification (Stages 1 and 2): preliminary contracts only	Murdoch Mackenzie, Ltd.; Webster Bannerman & Co., Ltd.	13,719,324 (Stage 1)	1957	1961
Change of electrical frequency in the London Suburban electrified area	B.R., Southern Region. *F. E. Campion, M.I.C.E.*	Adoption of standard frequency of 50 c/s for traction current supplies, construction of sub-stations, track paralleling huts, control rooms	Tersons, Ltd.; Demolition & Constr. Co., Ltd.; J. W. Ellingham, Ltd.; Trollope & Colls, Ltd.; L. & W. Whitehead, Ltd.; J. B. Edwards & Co. (Whyteleaf), Ltd.; W. H. Gaze & Sons, Ltd.; B.T.H., Ltd.; G.E.C., Ltd.; Electric Constr. Co., Ltd.	11,547,000	1952	June 1958
Operation of ten-car electric trains on Southern Rgn., Eastern Section	Ditto	Extension of platforms, bridge widening, earthworks	L. & W. Whitehead, Ltd.; A. Watson, Ltd.; J. W. Ellingham, Ltd.; Demolition & Constr. Co., Ltd.; Caffin & Co., Ltd.; H. Kent, Ltd.; Welding Contr. & Repairs, Ltd.; M. T. Shaw & Co., Ltd.; H. Brown Engrs., Ltd.; R. Corben & Sons, Ltd.	1,352,199	1952	June 1958
Cannon Street ..	B.R., Southern Region. *F. E. Campion, M.I.C.E.*; Freeman, Fox & Partners.	Part demolition of Southern House, platform alterations for 10-car scheme	J. Mowlem & Co., Ltd.	762,000	1954	1957
Folkestone Harbour	B.R., Southern Region. *F. E. Campion, M.I.C.E.*	Reconstruction of quay wall, No. 3 Berth	E. Nuttall Sons & Co.	181,700	Dec. 1955	May 1958
Extension of Southern Region electrification	Ditto	Sub-stations, track paralleling huts, control stations, station alterations, widenings of line, carriage sheds, conductor rail equipment, installation of H.V. cable routes, etc.	Demolition & Constr. Co., Ltd.; A. Watson, Ltd.; R. Corben & Sons, Ltd.; J. Laing & Son, Ltd.; Taylor Woodrow Constr., Ltd.; Askham & Palin, Ltd.; Holloway Bros., Ltd.	16,953,466	Oct. 1956	1964
St. Leonards (West Marina)	Ditto	Carriage servicing and washing shed ..	Taylor Woodrow Constr., Ltd. ..	328,950	Apr. 1957	May 1958
		Maintenance and fuelling facilities for diesel electric trains	Taylor Woodrow Constr., Ltd. ..	390,000	Jan. 1956	Feb. 1957
Btn. Vauxhall and Queens Road	Ditto	Renewal of superstructure of Thessaly Road Bridge No. 1	J. Westwood & Co., Ltd.; direct labour	65,000	Jan. 1956	Apr. 1958
Newhaven Harbour	Ditto	Dredging	James Contr. & Shipping Co., Ltd.	375,000	Jan. 1956	Dec. 1960
		Reconstruction of quay	Mears Bros., Ltd.	109,447	May 1957	Mar. 1958
Balham	Ditto	Reconstruction of station: roof steelwork	L. & W. Whitehead, Ltd.; T. W. Palmer; Maurice Hill Constr. Co.; direct labour	101,875	July 1952	Sept. 1957
Holborn Viaduct ..	Ditto	Reconstruction of deck of bridge No. 419	Demolition & Constr. Co., Ltd.; direct labour	52,500	Jan. 1956	Feb. 1957
Blackfriars	Ditto	Reconstruction of deck of bridge No. 407 C. over Dover shed	Ditto	114,000	Sept. 1956	Apr. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Shortlands to Swanley	B.R., Southern Region. *F. E. Campion, M.I.C.E.*	Widening and quadrupling of line	G. Wimpey & Co., Ltd.	2,062,000	Aug. 1957	Mar. 1959
Bank	B.R., Southern Region. *F. E. Campion, M.I.C.E.*; Mott, Hay & Anderson.	Provision of "Travolators" (constructional work only)	Mitchell Bros., Ltd.	608,821	Aug. 1957	Dec. 1959
Crawley	B.R., Southern Region. *F. E. Campion, M.I.C.E.*; Freeman, Fox & Partners.	New goods yard	R. Costain, Ltd.	105,605	June 1957	Jan. 1959
Gatwick	B.R., Southern Region. *F. E. Campion, M.I.C.E.*; Frederick S. Snow and Partners.	New airport station	J. Longley, Ltd.	171,578	Aug. 1957	Apr. 1958
Salisbury	B.R., Southern Region. *F. E. Campion, M.I.C.E.*	Combined stationery store	G. Wimpey & Co., Ltd.	151,500	Oct. 1957	Oct. 1958
Chichester	Ditto	Station reconstruction	R. Corben & Son, Ltd.	170,700	Aug. 1957	Feb. 1959
Eastleigh carriage and wagon works	Ditto	Modernisation of heating and ventilation	E. Danks & Co. (Oldbury), Ltd.	120,910	May 1957	Jan. 1958
West Norwood ..	Ditto	York Hill bridge	L. Fairclough, Ltd.; direct labour	57,856	1957	—
Clapham Junction	Ditto	Battersea Rise bridge	Ditto	55,277	1957	—
Banbury General Station	B.R., Western Region. *M. G. R. Smith, M.I.C.E.*	Reconstruction of station	Marples, Ridgway & Ptnrs., Ltd.	219,903	Nov. 1955	Nov. 1957
Flax Bourton ..	Ditto	Construction of sidings for Ministry of Fuel and Power	A. E. Farr, Ltd.	57,447	May 1956	June 1957
Tyseley motive power depot	Ditto	Maintenance and fuelling facilities for diesel rail cars	R. G. Horton (Engrs.), Ltd.; Wilson Lovatt & Sons, Ltd.	78,406	Apr. 1956	Mar. 1957
Gloucester	Ditto	Line diversion	Fairfield Shipbuilding & Eng. Co., Ltd.; R. M. Douglas (Contr.), Ltd.	246,336	Aug. 1956	Jan. 1959
Devonport	Ditto	Civil engineering and signal depots ..	Staverton Builders, Ltd.; J. Miller & Ptnrs., Ltd.	139,179	Mar. 1957	July 1958
Old Oak Common	Ditto	Renewal of roof of engine shed	L. Stewart & Co., Ltd.	70,470	May 1957	Feb. 1958
Port Talbot	Ditto	Margam marshalling yard	R. M. Douglas & Co.; Sir R. McAlpine & Co., Ltd.	253,937	May 1957	Nov. 1958
Swindon	Ditto	Construction of crossing shop	Kyle Stewart (Contrs.), Ltd.; Wilson Lovatt & Sons, Ltd.	191,311	May 1956	Sept. 1958
Cardiff, Canton M.P.D.	Ditto	Maintenance and fuelling facilities for diesel rail cars	J. E. Jones & Co., Ltd.; Demolition & Constr. Co., Ltd.	94,659	May 1956	May 1958
Tyseley M.P.D. ..	Ditto	Boiler house and additional bays to diesel rail car shed	Wilson Lovatt & Sons, Ltd. ..	80,143	June 1957	July 1958
National Coal Board	C. S. Allott & Son. ..	Grimethorpe Colliery: new sidings, marshalling yard, earthworks, drainage,	Not yet let	1,250,000	1957	—
London G.P.O. Railway	Sir William Halcrow & Partners.	New Western District office with underground station	J. Mowlem & Co., Ltd.	750,000	June 1955	1958
London Transport Executive	London Transport: *C. E. Bunton, M.I.C.E.*; Sir William Halcrow and Partners.	Alteration to tunnels	Ditto	81,000	June 1954	Feb. 1957
National Coal Board	Husband & Co.	Rufford Colliery: new sidings	International Development Co., Ltd.; part not yet let	280,000	1956	1958
River Great Ouse Flood Protection Scheme	Sir M. MacDonald & Partners.	Magdalen railway bridge	Sir R. MacAlpine & Sons, Ltd.; Butterley & Co., Ltd.	95,000	1956	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RAILWAYS (HOME) *(continued)*				
Notting Hill Gate Stations	Mott, Hay & Anderson; London Transport; *C. E. Dunton, M.I.C.E.*	New booking hall, escalators, etc., on Central and Metropolitan Lines	Balfour, Beatty & Co., Ltd. ..	669,000	Sept. 1956	1959
Malden & Coombe Borough Council	Wilson & Mason	Reconstruction of rail over road bridge in welded steelwork	Not yet let	100,000	1958	—
		RAILWAYS (ABROAD)				
Victoria Rly., Melbourne, Australia	Freeman, Fox & Partners. (design only).	Ten-track skew bridges over Swan Street, Melbourne	Cleveland Bridge & Eng. Co. (steelwork only)	175,000	1956	—
Government of India	Govt. of India; Freeman Fox & Partners. (design of superstructure only for Braithwaite, Burn & Jessop Const. Co. Ltd.)	Ganga Bridge, 14 spans of 379ft. double deck carrying rail and road	Ganga Bridge Co., comprising Hindustan Constr. Co. and Braithwaite, Burn & Jessop Constr. Co., Ltd.	2,000,000	1956	—
Calcutta Port Commissioners	Rendel, Palmer & Tritton	Six diesel locomotives	Not yet let	100,000	—	—
Ghana Government	Ditto	Construction of Achiasi-Kotoku railway	Taylor Woodrow (W.A.), Ltd. ..	3,500,000	1953	1957
		Station buildings	Various local contractors	200,000	Jan. 1956	July 1957
Iraq Development Board	Ditto	High tensile steel railway bridge: 350ft. main span; Two 110ft. approach spans on well foundations at Baquba	Holloway Bros., Ltd.	420,000	Feb. 1956	Feb. 1958
Govt. of Pakistan, Railway Division	Sir Bruce White, Wolfe Barry & Partners.	Replacement of Rohri Channel Bridge over the River Indus near Sukkur (formerly Lansdowne Bridge)	Not yet let; Cementation Co., Ltd.	—	1957	—
		RIVERS AND WATERWAYS (HOME)				
Wigan Workshops	British Transport Waterways; *E. W. Ratcliffe, M.I.C.E.*	Construction and equipment of new workshops	R. M. Douglas (Contrs.), Ltd.; Dow-Mac (Products), Ltd.	73,150	Oct. 1956	Mar. 1958
Nottingham (Meadow Lane)	British Transport Waterways; *C. Lofthouse, A.M.I.C.E.*	Additional transit shed, wharf and roadways	Dow-Mac (Products), Ltd. ..	52,500	Mar. 1956	Mar. 1957
Leeds (Knostrop Depot)	Ditto	New warehouse depot, wharf, roadways, repair shed and offices	Cawood Wharton & Co., Ltd. ..	183,200	Sept. 1956	May 1958
Nr. Doncaster (Long Sandall Lock)	Ditto	New lock in steel sheet piling and mass concrete	Yorkshire Hennebique Contr. Co., Ltd.	90,200	May 1957	Nov. 1958
River Lee	British Transport Waterways; *V. H. Tripp, M.I.C.E.*	Reconstruction of towing path walling of Limehouse Cut in mass concrete	L. Fairclough, Ltd.	71,713	Mar. 1957	Feb. 1958
		Reconstruction of towing path walling of Bow River between Bow Locks and Old Ford Lock in steel sheet piling	May Gurney, Ltd.	71,446	Nov. 1957	May 1958
Cromwell Weir ..	Coode & Partners. ..	Construction of new weir across River Trent and improved abutments	A. Monk & Co.	259,000	Aug. 1956	1958
Cheshire River Bd.	Cheshire River Board. *J. Anderson, M.I.C.E.*	Rivers Birket and Fender improvement scheme: Moreton Section	Direct labour; Lane Bros. (Builders), Ltd.	66,000	Oct. 1956	Oct. 1957
Lancashire River Board; River Crossens Drainage Bd.	C. H. Dobbie & Partners.	Land drainage scheme for 34,000 acres in Crossens area, Lancashire, with new pumping station	Not yet let	500,000	Dec. 1957	Dec. 1960

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		RIVERS & WATERWAYS (HOME) *(continued)*				
Waller's Haven ..	East Sussex River Board. *C. H H. Mercer, A.M.I.C.E.*	Channel improvement and ancillary sluice	Direct labour	121,000	1949	Work suspended
River Ouse (Sussex)	Ditto	Strengthening and raising banks of tidal river	Ditto	100,000	1953	1961
Gores Brook Diversion	Essex River Board. *E. L. Snell, A.M.I.C.E.*	New channels, bridges and culverts and construction of twin 7ft. x 5ft. sluice at Horseshoe Corner, Dagenham	C. A. Blackwell; Alderton Construction Co., Ltd.; Organ & Co., Ltd.	105,600	1956	1957
Gwynedd River Bd.	Gwynedd River Board; *A. H. Jones, F.R.I.C.S.*	Dysynny High Level Bank improvement and low level channel improvement	Direct labour	79,223	1953	—
Ash Level Drainage Improvement	Kent River Board; *J. I. Taylor, M.I.C.E.*	Construction of pumping station and channel improvement works	Direct labour; R. Costain, Ltd.; Gwynnes Pumps, Ltd.	55,400	1955	1957
Eller Brook Improvement, Rufford	Lancashire River Board; *G. Dalkins, A.M.I.C.E.*	Channel resectioning and reconstruction of flood embankments	Direct labour	53,000	Oct. 1957	1959
River Lee Improvement	Lee Conservancy Catchment Board; *N. Medrington, A.M.I.C.E.*	Prestressed r.c. road bridge 60ft. span at Lea Bridge Road, river walls, etc.	Holland & Hannen; Cubitts, Ltd.	74,000	June 1955	Mar. 1957
		Crossing under railway at Low Hall, prestressed concrete deck in three 25ft. spans, river walls, etc.	Ditto	130,000	Feb. 1955	Apr. 1957
		2,420ft. of concrete flood channel, etc. ..	R. G. Horton (Engineers), Ltd.	140,000	Aug. 1955	May 1957
		1,046ft. of concrete flood channel, etc. ..	W. A. Dawson, Ltd.	119,000	Feb. 1956	May 1957
		1,560ft. of concrete channel, prestressed concrete bridge, etc., in Walthamstow and Tottenham	R. G. Horton (Engineers), Ltd.	80,000	Apr. 1957	1958
		2,950ft. of concrete channel, prestressed concrete bridge, etc., in Walthamstow	W. A. Dawson, Ltd.	180,000	Mar. 1957	1958
Pymmes Brook Improvement	Ditto	3,720ft. of concrete channel, etc., in Tottenham	Howard Farrow, Ltd.	169,000	Apr. 1956	May 1957
		3,710ft. of concrete channel, bridges, etc., in Tottenham	Dredging & Constr. Co., Ltd. ..	180,000	Dec. 1956	1958
		3,133ft. of concrete channel, culverts, etc., in Edmonton	Howard Farrow, Ltd.	250,000	Apr. 1957	1958
North Alford ..	Lincolnshire River Board; *F. H. Tomes, M.I.C.E.*	River and drain improvement and construction of two pumping stations	W. G. C. Hammond, Ltd.; Lehane, Mackenzie & Shand, Ltd.; direct labour	191,000	1952	1957
River Witham at Lincoln	Lincolnshire River Board; *F. H. Tomes, M.I.C.E.*; W. S. Atkins & Partners	Construction of r.c. flume and culvert; flushing culvert	Tarmac, Ltd.; direct labour ..	66,000	July 1956	1957
River Great Ouse Flood Protection Scheme	Sir M. MacDonald & Partners.	Relief channel: 10¾ miles; earth works, regulators, bridges, etc.	Sir R. McAlpine & Sons, Ltd. ..	2,920,000	May 1954	Nov. 1958
		Remodelling Ten-Mile and Ely-Ouse ..	Derek Crouch (Contrs.), Ltd. ..	1,340,000	July 1957	1961
		Shipping channel in Wash: Western barrier wall	Dredging & Constr. Co., Ltd. ..	154,000	1956	1957
		revetment of Western Wall	Not yet let	600,000	1958	—
		Cut-off channel, 27½ miles, earth-work, bridges, siphons, etc.	Not yet let	2,500,000	1958	—
Bower's Brook Outfall	Mersey River Board. *J. T. Firth, M.I.C.E.*	New outfall with twin culverts under St. Helen's canal and other works	G Dew & Co., Ltd.	60,000	Nov. 1957	1958
Northallerton & District Water Board	Maurice Nachshen & Partners.	Stabilisation of river bank by drainage and construction of r.c. culvert for river	Tarslag, Ltd.	55,000	- 1955	1957
North Thames Gas Board	Rendel, Palmer & Tritton	River wall reconstruction, Beckton ..	Holloway Bros., Ltd.	518,000	1955	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost	Date of starting	Date of completion
		RIVERS & WATERWAYS (HOME) (*continued*)		£		
River Loughor & Amman improvement scheme	South-West Wales River Board; *C. C. Evans, M.Inst.B.E.*	Pioneer tree clearing, regrading, widening new channel, and gabion revetment	Direct labour	101,000	1954	1959
Nottingham Flood Protection Scheme	Trent River Board; *Marshall Nixon, M.I.C.E.*	New river channel, river widening flood banks, etc.	Tarslag, Ltd.	331,000	Mar. 1954	1957
Fiskerton Flood Alleviation Scheme	Ditto	Steel-sheet-piled retaining wall, flood protection walls and banks	Concrete Piling, Ltd.	150,000	Nov. 1956	July 1957
Bottesford Beck Outfall	Ditto	New outfall and highway bridge	A. Monk & Co., Ltd.	55,700	Nov. 1956	1957
River Arun	West Sussex River Board; *J. R. A. Garland, M.I.C.E.*	Strengthening and raising tidal banks between Littlehampton and Arundel	Direct labour	72,000	1955	1959
		RIVERS AND WATERWAYS (ABROAD)				
Director of Public Works, Nyasaland	Sir William Halcrow & Partners.	Shire Valley Project: Liwonde Bund, closure and outlet from Lake Nyasa	J Laing & Co., Ltd.	54,000	1956	1957
		ROADS (HOME)				
		TRUNK ROADS—MINISTRY OF TRANSPORT AND CIVIL AVIATION				
Nevilles Cross diversion (A.1)	Durham C. C.; *W. H. B. Cotton, M.I.C.E.*	Diversion, including a bridge over railway and demolition of old bridge	Dorman, Long & Co., Ltd. ..	155,818	June 1951	—
Loughton by-pass (A.5)	Buckinghamshire C. C.	New road to by-pass Loughton Village including bridge	W. A. Dawson, Ltd.	93,068	Aug. 1954	—
Conway Bridge (A.55)	H. W. Fitzsimons	New steel spandrel-braced arch bridge at Conway	Sir W. Arrol & Co., Ltd.	491,165	Apr. 1955	—
Cavendish Bridge (A.6)	Leicestershire C. C.; L. G. Mouchel & Partners Ltd.	Permanent bridge over River Trent ..	Cementation Co., Ltd.	286,922	July 1955	1957
Markyate by-pass (A.5)	Hertfordshire C. C.; *C. H. ffolliott, M.I.C.E.*	New road to by-pass village of Markyate	Chapman O'Dowd	210,548	Nov. 1955	—
London Colney by-pass (A.6)	Ditto	New dual carriageway road nearly 2 miles long	J. Laing & Son	367,730	Oct. 1957	—
Buckholm Tunnel	Roxburgh C. C.	Widening and realignment to provide a 22ft. carriageway and 6ft. footpath	J Smart	76,031	July 1955	—
Rossington Bridge (A.1)	West Riding of Yorkshire C. C.; *S. M. Lovell, A.M.I.C.E.*	Reconstruction of bridge over River Thorne and realignment of trunk road	Fletcher & Co. (Contrs.), Ltd. ..	52,335	—	—
Borrowash to Sandiacre (A.52)	Derbyshire C. C.	Widening of carriageway	T. Beighton, Ltd.	143,019	Feb. 1953	1957
Kingston by-pass (A.3)	Surrey C. C.	Subways under Kingston By-pass at Warren Drive and Cranborne Avenue	A. Watson, Ltd.	65,220	June 1955	—
Alconbury Hill and Woolpack crossroads (A.1)	Huntingdonshire C. C.	Provision of second 24ft. carriageway for 5¼ miles	G. Wimpey & Co., Ltd.	212,058	Dec. 1956	Dec. 1957
Newport Canal bridge to Leatherdog Lane (A.63)	Yorkshire (East Riding) C. C.	44ft. wide carriageway with central islands and two 10ft. wide margins	Modern Paviers, Ltd.	71,776	—	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		ROADS (HOME) *(continued)*				
London North Circular Road (A.406)	Middlesex C. C.; *H. S. Andrew, M.I.C.E.*	Widening and conversion to dual carriageways St. Anne's Road to Stonebridge Park	J. Mowlem & Co., Ltd.	82,373	Mar. 1956	—
Mill Hill to Page Street (A.1)	Ditto	Provision of dual carriageways	Ditto	251,530	July 1956	—
Greenford railway bridge to Alperton Lane (A.40)	Ditto	Provision of dual carriageways	P. Bilton, Ltd.	215,539	Aug. 1956	—
Great Cambridge Road (A.10)	Ditto	Second carriageway between Bury Street and Carterhatch Lane	Costello & Kemple, Ltd.	197,124	Sept. 1956	—
Victoria Road-Park Royal Station (A.40)	Ditto	Duplication of carriageway with 10ft. central reservation	Fitzpatrick & Son (Contr.), Ltd.	224,221	May 1956	—
Page Street to Finchley Road (A.41)	Ditto	Second carriageway	A. Jackaman & Son, Ltd.	257,368	Dec. 1957	—
			Not yet let	413,400	—	—
Cromwell Road extension (A.4)	Ditto	Dual carriageway road and flyover at junction with Gt. West Road, Chiswick	Fitzpatrick & Son (Contrs.), Ltd.; Alderton Constr., Ltd.	2,114,393	Oct. 1955	—
Newbury Park Station bridge (A.12)	Essex C.C.; *H. J. Berry, M.I.C.E.*	Dual carriageways on bridge over L.T.E. railway; two pedestrian subways	W. & C. French, Ltd.	274,000	Apr. 1956	—
Ryton on Dunsmore/Willenhall	Warwickshire C. C.	Dual 24ft. carriageways, including footpath and surface water drainage	Galliford & Sons	86,795	Mar. 1956	Apr. 1957
Stratford Road, Shirley	Ditto	Widening and reconstruction: 44ft. carriageway with 4ft. central islands	Greenley Bros.	142,107	Feb. 1956	June 1957
Meriden by-pass (A.45)	Ditto	Dual carriageway road, Packington Park to Stonebridge	Tarmac, Ltd.	575,855	June 1957	—
Neath by-pass (A.48)	Rendel Palmer and Tritton	Second part of the Neath By-pass from Earlswood to Lonlas	Cleveland Bridge & Eng. Co., Ltd.	1,741,528	Mar. 1957	1960
Crawley to Handcross (A.23)	East Sussex C. C.	Second carriageway from Woodhurst to Handcross	Direct labour	172,461	Apr. 1957	—
Northwich by-pass western section (A.556)	Cheshire C. C.; *C. G. Day, A.M.I.C.E.*	1½ miles of new dual carriageway road including railway bridge	Ashley (Contr.), Ltd.	275,277	Nov. 1956	—
Tushington Railway Bridge (A.41)	Ditto	Widening and realignment of bridge and approaches	Kottler & Heron, Ltd.	59,492	June 1955	—
Railway bridge No. 35 and Holmes Chapel (A.50)	Ditto	Reconstruction of bridge; widening approaches	L. Fairclough, Ltd.; S. Butler, Ltd.	66,808	Sept. 1955	Sept. 1957
Woolpack cross-roads to Norman Cross	Huntingdon C. C.	Second carriageway 2½ miles long	R. M. Douglas (Contr.), Ltd. ..	361,325	June 1957	—
Norman Cross to Water Newton by-pass	Ditto	Second carriageway and a new bridge over Billing Brook	Ditto	351,745	June 1957	—
Leeming by-pass to Catterick by-pass (A.1)	Yorkshire (North Riding) C. C.	Second carriageway about 4 miles long ..	Direct labour	329,388	May 1957	—
B.6285 to Tally-Ho Farm, Londonderry (A.1)	Ditto	Second carriageway about 1½ miles long ..	Direct labour	99,527	May 1957	—
Five Lanes End to north of Checkerhouse (A.614)	Nottingham C. C.	Dual carriageways and elimination of level crossing	R. R. McGregor & Sons, Ltd. ..	168,290	Dec. 1957	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		ROADS (HOME) *(continued)*				
Stormy Down to Redhill junction (A.48)	Glamorgan C. C.; *E. J. Powell, M.I.C.E.*	Dual carriageways for about 1½ miles and roundabout	R Smith Contr., Ltd.	220,365	Dec. 1957	—
Pyle Hill (A.48) ..	Ditto	Three-lane road on new alignment (one mile)	Direct labour	90,000	June 1957	—
Whitchuch by-pass (A.470)	Ditto	New dual carriageway	Direct labour	290,000	—	—
Sandy to A.428 junction (A.1)	Bedfordshire C. C.	Second carriageway for 3¼ miles including diversions at Tempsford Village and Tempsford Bridge	Costelloe & Kemple, Ltd.; F. M. Sparrow (Contr.), Ltd.	331,450	Sept. 1957	—
A.5 near Shenstone	Staffordshire C. C.	Widening to provide a single 33ft. carriageway and 6ft. footpath	P. Bilton, Ltd.	102,884	Dec. 1956	Sept. 1957
Cams Hill, Fareham (A.27)	Hants C C.; *H. N. Jenner, M.I.C.E.*	33ft. carriageway with r.c. bridge; widening approaches	Southern Counties Constr. Co., Ltd.	61,200	June 1956	Dec. 1957
Ashford by-pass ..	Kent C C.; *E. W. H. Vallis, M.I.Mun.E.*	New road to by-pass Ashford; Canterbury road bridge; Warren lane bridge	R. Costain Ltd.; Alderton Constr. Co., Ltd.	428,000	Apr. 1955	July 1957
Widening at ends of Ashford by-pass	Ditto	Provision of dual carriageways	Direct labour	135,000	July 1957	Dec. 1958
Maidstone by-pass	Kent C. C.; *E. W. H. Vallis* Scott & Wilson, Kirkpatrick & Partners.	Construction of new road to by-pass Maidstone	Not yet let	2,250,000	Mar. 1958	Mar. 1960
North-south motorway, Preston by-pass (A.6)	Lancashire C. C.; *J. Drake, M.I.C.E.*	By-Pass, Bamber Bridge to Broughton: dual carriageways and 21 bridges	Tarmac, Ltd.	3,100,482	June 1956	Nov. 1958
		Samlesbury Bridge carrying motorway over River Ribble and trunk road A.59	Cleveland Bridge & Eng. Co., Ltd.			
		Higher Walton Bridge carrying motorway over River Darwen and road A.675	Dorman Long (Bridge & Eng.), Ltd.			
Longton by-pass (A.59)	Ditto	Dual carriageways and construction of Brownhill Railway Bridge	Tarmac, Ltd.	451,240	June 1956	Sept. 1957
Improvement at Aintree (A.59)	Lancashire C.C.; *J. Drake, M.I.C.E.*	Dual carriageways and reconstruction of canal bridge	Direct labour; W. W. Kenney, Ltd.	191,056	Jan. 1956	Nov. 1957
North-south motorway Lancaster by-pass (A.6)	Ditto	Dual carriageways, length 11.62 miles, including 26 bridges	Sir L. Parkinson & Co., Ltd. ..	3,830,962	Aug. 1957	Dec. 1959
Manchester outer ring road; Stretford-Eccles by-pass (A.575)	Ditto	1,156ft. of twin 10ft. culverts carrying stream under motorway	Wilson, Lovatt & Sons, Ltd. ..	3,431,602	Apr. 1957	Mar. 1958
		High level bridge over Manchester Ship Canal with approach viaducts. Total length 2,425ft., main span 310ft.	G. Dew & Co., Ltd.		Nov. 1957	Nov. 1959
		Northern section; dual carriageways, length 2.05 miles including 6 bridges	Gee, Walker & Slater, Ltd. ..		Sept. 1957	Jan. 1960
Lincoln City Council	W. S. Atkins & Partners	Steel and concrete dual-carriageway road bridge at Pelham Road level crossing	Tarmac, Ltd.	350,000	June 1956	Dec. 1957
Scottish Home Dept.: Roads Div.	Babtie, Shaw & Morton.	Reconstruction of Paddy's Rickle Bridge and trunk road realignment	Farrans, Ltd.	110,000	1957	1958
Resurfacing ..	Belfast Corporation: *J. E. F. Anderson, M.I.C.E.*	Resurfacing streets with asphalt	Limmer & Trinidad Lake Asphalt Co., Ltd.	110,000	Jan. 1957	Mar. 1958
Theale-Newbury (A.4)	Berkshire C. C.	Superelevation of bends	Amey's Asphalt Co., Ltd.	52,202	Aug. 1956	Mar. 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		ROADS (HOME) (*continued*)				
Wockingham-Bracknell (A.329)	Berkshire C.C.	Widening and reconstruction	Sydney Green & Sons (Contrs.), Ltd.	61,884	Dec. 1957	1958
Pool Farm housing estate	City of Birmingham; *Sir Herbert J. Manzoni, M.I.C.E.*	Carriageways and footways	J. Laing & Son, Ltd.	132,000	May 1954	Nov. 1957
Inner ring road ..	Ditto	Dual carriageway, brick and concrete sewers and incidental works	Foxlee, Ltd.	99,000	Mar. 1957	Sept. 1959
Perth C.C.	Blyth & Blyth.	R.C. bridges over River Forth and railway	A. Robertson & Co., Ltd.	95,000	1956	1958
Moray & Nairn C.C.	Ditto	R.C. bridge over river	Not yet let	110,000	1956	1958
Midlothian C.C. ..	Ditto	R.C. bridge over river	A. A. Stuart & Sons (Contrs.), Ltd.	50,000	1956	1957
Ross & Cromarty C.C.	Ditto	Two bridges over river	J. Baxter & Sons (Contrs.), Ltd.	55,000	1956	1958
Inverness C.C. ..	Ditto	Two r.c. bridges	D. Logan, Ltd.	50,000	1957	1958
Widening Handforth Road, Wilmslow	Cheshire C.C.; *C. G. Day, A.M.I.C.E.*	Reconstruction and road widening on A.34	Bethell & Sons, Ltd.	80,000	June 1955	Nov. 1957
By-pass Kingsway extension, Cheadle (A.34)	Ditto	New dual carriageway road including two new railway bridges on A.34	Tarmac, Ltd.	620,000	June 1957	—
Dunbarton C.C. ..	Crouch & Hogg.	Forth & Clyde Canal: opening bridge at Twechar		60,000	—	—
Vauxhall Motors, Ltd.	Dean & Mason	Construction of test track: superelevated perimeter track, water splash, rough	J. McGeoch & Sons, Ltd.	100,000	Aug. 1956	1957
Felling A.1046 ..	Durham C.C.; *W. H. B. Cotton, M.I.C.E.*	Roads for housing estate	Direct labour	100,000	1956	—
	Ditto	Saltworks Bridges improvement, Haverton Hill	Ditto	154,000	1956	—
Cattawade Bridge (A.137)	Essex C.C.; *H. J. Berry, M.I.C.E.*	Construction of r.c. bridge and approaches	Alderton Constr. Co., Ltd. ..	60,000	Aug. 1956	Oct. 1957
Inverness C.C.: north ford causeway, outer islands, Benbecula	Sir Alexander Gibb & Partners.	Rockfill causeway with bridges connecting the islands of Benbecula, Grimsay and North Uist	W. Tawse, Ltd.	450,000	1957	—
Chislehurst & Sidcup U.D.C.	Ditto	Sidcup Station bridge improvement scheme	A. Watson, Ltd.	51,000	Nov. 1956	—
Rhoose to Weycock Cross (B.4265)	Glamorgan C. C.; *E. John Powell, M.I.C.E.*	Widening (1½ miles)	Direct labour	57,000	Aug. 1957	—
Access road to Berkeley nuclear power station	Glouster C. C.; *E. C. Boyce, M.I.C.E.*	Widening and new construction, including prestressed concrete bridges	Direct labour	74,000	Apr. 1956	—
Christchurch by-pass (A.35)	Hants C. C.; *H. N. Jenner, M.I.C.E.*	Two miles of twin carriageway, with three prestressed concrete bridges	A. E. Farr, Ltd.	369,000	Mar. 1957	Feb. 1959
City of Glasgow Corpn.	Sir William Halcrow & Partners.	Clyde Tunnel: 29ft. dia. double carriageway vehicular tunnel	C. Brand & Son, Ltd.	—	Aug. 1957	1962
Kingsferry bridge & approaches (A.249)	Kent C C.; *E. W. H. Vallis, M.I.Mun.E.*; Mott, Hay & Anderson	Lifting bridge approach spans and approach roads crossing River Swale	J. Howard & Co., Ltd.; Dorman Long (Bridge & Eng.), Ltd.; direct labour	1,169,210	Dec. 1957	Dec. 1960
Westgate extension	City of Leeds; *D. Currie, M.I.C.E.*	500 yards of new road, 80ft. wide, and 200ft. dia. roundabout	Hadsphaltic Constr. Co., Ltd.: and others	130,000	June 1956	Mar. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		ROADS (HOME) *(continued)*				
Leicester County Borough	Leicester C. B.; *J. L. Beckett, M.I.C.E.*	St. Matthews redevelopment: roads and sewers	Hadsphaltic Constr. Co., Ltd.; Galliford & Sons, Ltd.	58,530	July 1956	Feb. 1958
Mersey Tunnel ..	Liverpool C. B. C.; *H. T. Hough, M.I.C.E.*; Mott, Hay & Anderson.	Removal of cast iron setts and replacement with asphalt surface	Trinidad Lake Asphalt Co., Ltd.	100,000	Sept. 1957	Feb. 1958
Dock Road, Liverpool (southern portion) (A.5036)	Liverpool C. B. C.; *H. T. Hough, M.I.C.E.*	Reconstruction and surfacing of carriageway	Direct labour; Trinidad Lake Asphalt Co., Ltd.	129,000	Apr. 1957	Mar. 1958
Liverpool C.B.C. ..	Ditto	Reconstruction and resurfacing abandoned tramway routes	Ditto	100,000	Apr. 1957	Mar. 1958
Liverpool C.B.C. ..	Ditto	Demolition of existing bridge and construction of new bridge at Long Lane (B5187) Fazakerley over railway	Fletcher & Co. (Contrs.), Ltd. ..	52,300	1956	1958
Route II: Moorgate to Aldersgate Street	Corporation of London *F. J. Forty, M.I.C.E.*	New street, 16,500ft., with underground car park under carriageway for 1,280ft.; entrance ramps, mains, subway, etc.	Trollope & Colls, Ltd.	417,000	Aug. 1957	Dec. 1958
Cromwell Road extension	London C. C.; *J. Rawlinson, M.I.C.E.*	Dual carriageway road, Hammersmith Bridge Road to county boundary	Fitzpatrick & Sons (Contrs.) Ltd.	300,000	Nov. 1956	May 1957
		Dual carriageway, Great Church Lane Bridge to Glidden Road; link road from Hammersmith	Ditto	80,000	Nov. 1957	1958
		Widening Great Church Lane Bridge ..	W. Old, Ltd.	68,800	June 1957	Sept. 1958
Lambeth Bridge eastern approach	Ditto	Roundabout to replace traffic signal control	J. Mowlem & Co., Ltd.	53,500	Nov. 1956	Sept. 1957
Roehampton Lane	Ditto	Widening to 65ft.	J. Murphy & Sons, Ltd.	154,000	Jan. 1957	1958
Bermondsey comprehensive development area	Ditto	New roads and sewers and widening existing roads	Not yet let	126,000	Dec. 1957	1960
Finchley Road widening	London C. C.; *J. Rawlinson, M.I.C.E.*; Brassey-Edwards and Stowell.	Reconstruction and widening between Boundary Road and Finchley Place .	Fitzpatrick & Sons (Contrs.), Ltd.	55,800	Sept. 1957	1958
Woolwich Industrial Estate	London C. C.; *J. Rawlinson, M.I.C.E.*	Advanced site preparation: road and drainage works	G. Wimpey & Co., Ltd.	153,000	July 1957	Jan. 1959
Balham High Road	London C. C.; *J. Rawlinson, M.I.C.E.*; Wandsworth B. C.; *P. V. Marchant, M.I.C.E.*	Widening and reconstruction	Direct labour; Sugrue & Co., Ltd.	71,500	Nov. 1957	1958
Elephant & Castle improvement	London C. C.; *J. Rawlinson, M.I.C.E.*	Construction of roundabout and pedestrian subways	J. Murphy & Sons, Ltd.	135,500	Aug. 1957	Feb. 1958
Abbey Estate, Woolwich	London C. C.; *J. Rawlinson, M.I.C.E.*; Howard Humphreys & Sons.	Reinforced concrete viaduct over railway	W. & C. French, Ltd.	216,800	Sept. 1956	Mar. 1958
Royal Burgh of Inverness	Sir M. MacDonald & Partners	Concrete single-span bridge over the River Ness to replace suspension bridge	Not yet let	400,000	1958	1961
Brecon & Radnor C.C.	G. Maunsell & Partners.	Reconstruction of bridge over River Wye at Hay	Holland & Hannen & Cubitts, Ltd.	80,000	1956	1957
Cowley Road, Uxbridge	Middlesex C.C.; *H. S. Andrew, M.I.C.E.*	Widening of road between Station Road and Benborough Waye	J. Mowlem & Co., Ltd.	59,000	Nov. 1955	Nov. 1956
High Street/Thames Street, Staines	Ditto	Improvement of junction and widening of south of junction	Direct labour	51,264	July 1956	July 1957
Southbury Road, Enfield	Ditto	Reconstruction of carriageway and footway between the town and Southbury Avenue	Ruddock & Meighan, Ltd. ..	53,492	Dec. 1956	June 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		ROADS (HOME) (*continued*)				
C.C.s of Lancashire and Cheshire	Mott, Hay & Anderson ..	New bridge across the River Mersey and the Manchester Ship Canal: Runcorn to Widnes	L. Fairclough, Ltd. .. .. .. not yet let	2,000,000	1956	1958
Ministry of Transport and Kent and Essex C.C.s	Mott, Hay and Anderson; Coode & Partners.	Tunnel under the River Thames between Dartford and Purfleet	E. Nuttall, Sons & Co. (London), Ltd.	6,000,000	1956	1960
Bridgwater Bridge	L. G. Mouchel & Partners Ltd.	Reinforced concrete bridge, 3 spans, 45ft., 70ft., 45ft. over the River Parrett	J. Miller & Partners, Ltd.; direct labour	440,000	Feb. 1955	Feb. 1958
Cavendish Bridge (A.6)	Leicestershire C.C.; L. G. Mouchel & Partners Ltd.	Construction of prestressed bridge over the River Trent	Sir Lindsay Parkinson & Co., Ltd.	—	1956	1957
Clifton Bridge ..	Nottingham C.B.; *R. M. Finch;* R. Travers Morgan & Partners.	Prestressed concrete bridge and viaducts, main span 275ft., total length 915ft., and approaches	Cementation Co., Ltd.	286,922	July 1955	—
Link Road, Cosham (A.27)	Portsmouth City Council *W. E. C. Chamberlain, M.I.C.E.*	New twin carriageway road and bridge over railway to by-pass Wymering	Southern Counties Contr. Co., Ltd.	234,000	1956	1958
Hatfield Development Corporation	Rendel, Palmer and Tritton.	Cavendish Way Bridge	W. & C. French, Ltd.	85,000	1957	1958
Newbury Park (A.12)	Ditto	Widening of road and reconstruction of bridge over railways	Ditto	260,000	1956	1958
Lincolnshire C.C. ..	Wilton & Bell	Steel bridge over the canal at Keadby ..	Wellerman Bros., Ltd.	52,000	May 1957	Jan. 1958
		ROADS (ABROAD)				
South Gate Bridge, Baghdad	Coode & Partners.	Bridge 1,487ft. long, with eight piers, abutments and approaches	Siemens Bauunion	1,272,513	July 1953	Mar. 1957
Adhamiyah Bridge, Baghdad	Ditto	Bridge 1,037ft. long, with six piers, abutments and approaches	Ditto	1,257,379	July 1953	Mar. 1957
Taq Taq Bridge, Iraq	Ditto	Bridge 1,050ft. long, in r.c., with six piers on caissons and abutments	Beton und Monierbau	570,000	Oct. 1954	1957
Ebute Metta Causeway, Lagos, Nigeria	Coode & Partners.	Causeway, 800ft. long, with culverts and 5,000ft. of road approaches	R. Costain, Ltd.	1,076,000	June 1956	1958
Klang Bridge, Malaya	Coode & Partners.	Steel cantilever bridge, 1,400ft. overall	Dorman Long (Bridge & Eng.), Ltd.	835,000	July 1957	Sept. 1959
Auckland Harbour Bridge Authority, New Zealand	Freeman, Fox & Partners.	Steel bridge over harbour with 800ft. cantilever navigation span; total length 3,500ft.	Dorman Long (Bridge & Eng.), Ltd.; Cleveland Bridge & Eng. Co., Ltd.	4,200,000	1954	1959
		Steel viaducts	Ditto	200,000	1956	1958
		R.C. viaduct	Downer & Co., Ltd.	280,000	1956	1958
		Road approaches—south side	New Zealand Roadmakers, Ltd.; part not yet let	325,000	1956	1959
		Road approaches—north side; reclamation and road works	McBreen Jenkins Constr., Ltd.; part not yet let	375,000	1956	1959
Govt. of Bermuda	Ditto	Somerset-Watford Bridge, Bermuda, seven precast prestressed concrete spans; total length 446ft.	J. L. Kier & Co.	125,000	1957	Feb. 1958
Dept. of Highways, Ontario	Sir Alexander Gibb & Partners.	Murray Township Bridges Nos. 6 and 7 carrying 100ft. wide roadway over railway and secondary road	H. J. McFarland Constr. Co., Ltd.; Aiken & McLaughlin	70,000	Apr. 1956	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		ROADS (ABROAD) *(continued)*				
Federal Power Board, Rhodesia & Nyasaland Salisbury-Chirundu Road	Sir Alexander Gibb & Partners; A. Coyne & J. Bellier; SOGEI; Sir Alexander Gibb & Partners (Africa).	25 miles of new road with gravel sub-base and temporary running course	John Laing & Sons (Rhodesia), Ltd.	450,000	Sept. 1956	—
Volta Bridge:—Director of Public Works, Ghana	Sir William Halcrow & Partners; Freeman, Fox & Partners.	Steel arch bridge, 805ft. span, concrete approach spans and 5 miles approach roads	Dorman, Long & Co., Ltd. ..	680,000	1955	Jan. 1957
Director of Public Works, Ghana	Sir William Halcrow & Partners.	Tema-Afienya road; 12 miles of new trunk road	Stirling-Astaldi (West Africa), Ltd.	280,000	May 1955	1957
		Shai-Kpong road: 19 miles of new trunk road	Constrs. Coignet Togo	529,000	May 1956	Oct. 1958
		Accra town roads; 2.1 miles plus car parks, landscaping, etc.	Taylor Woodrow (Ghana), Ltd.	240,000	1956	Mar. 1958
Ceylon Govt. ..	Husband & Co.	Lower Badulla road and bridges	Direct labour	1,500,000	1953	—
Gal Oya Development Board, Ceylon	Ditto	Bridges over Gal Oya	Equipment & Constr. Co., Ltd. ..	150,000	1955	—
Ceylon Govt. ..	Ditto	Naragala Bridge	Ditto	60,000	1955	—
		Weragantota Bridge	Gammon (India), Ltd.	150,000	1956	1958
		Suspension bridge over Mahaweli Ganga at Peradeniya	Not yet let	—	1957	1958
		Rolling Lift Bridge at Jaffna in pre-stressed concrete	Not yet let	—	1957	1958
		Bridge over Nanu Oya at Peradeniya ..	Equipment & Constr. Co., Ltd. ..	—	1956	1958
Govt. of Western Australia	G. Maunsell & Partners.	Road bridge over Swan River, Perth ..	Christiani & Nielsen	1,200,000	1957	1959
Govt. of Iraq, Development Board	Posford, Pavry & Partners	Bridge over the River Euphrates at Samawa	Sir W. Arrol & Co., Ltd.	450,000	1955	1958
		Bridge over the River Euphrates at Qurnah	Dorman, Long (Bridge & Eng.), Ltd.	420,000	1956	1958
Ghana Govt.	Rendel, Palmer & Tritton.	Winneba-Mankesim Road	Constrs. Coignet Togo	660,000	1954	1957
		Pwalagu & Nasia; 2 steel bridges 300ft. and 455ft. long	Stirling-Astaldi (W.A.), Ltd. ..	330,000	1954	1957
Ghana Govt.	Ditto	Aniben Bridge	Constrs. Coignet Togo	150,000	1955	1958
		Dunkwa-Obuasi road and bridge over Ofin River	Stirling-Astaldi (W.A.), Ltd. ..	620,000	1956	1958
Iraq Development Board	Rendel, Palmer & Tritton	High tensile steel cantilever plate girder road bridge, 250ft. centre span, on well foundations: Nasyriyah	Dorman, Long (Bridge & Eng.), Ltd.	640,000	July 1956	July 1958
		A bridge similar to the above at Baquba	Siemens Bauunions G.m.b.H.; F. A. Kitteneb	620,000	Feb. 1957	Apr. 1959
Govt. of Sierra Leone	Ditto	Construction of nine road bridges to replace ferries on trunk roads	Pauling & Co., Ltd.	650,000	1953	1958
Nyasaland Govt. ..	Scott & Wilson, Kirkpatrick & Partners, Blantyre, Nyasaland.	Lilongwe-Salima road, 70 miles	G. Wimpey & Co., Ltd.	600,000	1954	1957
		Mlanje-P.E.A.B. road, 18 miles; reconstruction of three major bridges	J. Laing & Son (Rhod.), Ltd. ..	180,000	June 1954	1958
		Fort Jamieson-Lilongwe road, 90 miles ..	Ditto	325,000	1956	1957
		Chitala-Benga road (including bridge-works)	Ditto	150,000	June 1955	1957
Govt. of Iraq Development Board	Sir Bruce White, Wolfe Barry & Partners.	Amara Highway Bridge (12,000ft. long) over the Tigris	Philipp Holzmann A.G.; Stahlbau B.; Seibert G.m.b.H.	802,000	1955	1957
		Kut Bridge	Not yet let; Associated Drilling & Supply Co., Ltd.	—	1957	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STEELWORKS (HOME)				
Steel Co. of Wales, Ltd., Abbey Works	W. S. Atkins & Partners	New Bessemer mill and cold reduction plant. Heavy civil engineering, steelwork, buildings and services	Sir R. McAlpine & Sons, Ltd. ..	7,750,000	1956	1959
Guest, Keen Iron & Steel Co.	Ditto	New ingot mould foundry : civil engineering, steelworks, buildings and services. Co-ordination on plant	R. M. Douglas, Ltd.	1,700,000	Aug. 1957	Nov. 1958
South Durham Iron & Steel Co., South Works, West Hartlepool	Ditto	Civil engineering and building work for new steel plant plate mill	Tarslag, Ltd.; G. Wimpey & Co., Ltd.	700,000	1957	1960
The Lanarkshire Steel Co., Ltd.	Crouch and Hogg	Replacement of cooling banks, foundations	Not yet let	150,000	1957	1958
The Steel Co. of Scotland, Ltd.	Ditto	Alloy steel rolling mill plant, foundations, etc.	Murdoch Mackenzie, Ltd.; Shanks & McEwan, Ltd.	250,000	1957	1959
		STEELWORKS (ABROAD)				
Davy United Engineering Co., Ltd.	W. S. Atkins & Partners	Civil engineering and building works and water services for rolling mills for ISCON, Durgapur steel plant project	Cementation, Ltd.	3,000,000	1957	1960
Wellman Smith Owen Engineering Corpn. Ltd.	Ditto	Civil engineering and building works for steel-making plant ISCON. Durgapur steel plant project	Ditto	1,500,000	1957	1960
		STRUCTURAL AND INDUSTRIAL (HOME)				
Imperial Chemical Industries, Ltd.	C. S. Allott & Son; I.C.I., Ltd. (Wilton)	Wilton Works : foundations, structural and building work	A. Monk & Co., Ltd.; Redpath Brown & Co., Ltd.; S. Butler & Co., Ltd.; Tubewrights, Ltd.	—	1955	1957
Port of Manchester Warehouses, Ltd.	C. S. Allott & Son	New tobacco storage warehouse	W. Moss & Sons, Ltd.	320,000	1955	1957
Manchester Corp. Education Dept.	Ditto	Structural work : Openshaw College for further education	W. J. Simms, Sons & Cooke, Ltd.	500,000	1952	1958
		North Manchester high school for girls	H. Green & Sons (Bldrs.), Ltd.	202,000	1956	1958
Derbyshire C.C. ..	Ditto	Structural work : Chesterfield College of Technology	Ford & Weston, Ltd.; J. Booth & Sons (Bolton), Ltd.	344,000	1952	1958
Lancashire C.C. ..	Ditto	Structural work : Carnforth school ..	Warren Constr. Co., Ltd.	128,750	1957	1959
Oxford & Regional Hospital Board	Ove Arup & Partners ..	R.C. Hospital at Swindon	Chivers, Ltd.	528,000	Feb. -1957	—
Bethnal Green B.C.	Ditto	Fifteen-storey block of flats ; two 6-storey blocks; r.c. frame, precast and in-situ	Wates, Ltd.	500,000	Apr. 1957	—
Thorn Electrical Industries	Ditto	Multi-storey office block, St. Martins Lane with precast cols. and floors : 2-storey block	Bovis, Ltd.	750,000	Sept. 1957	—
West Riding Yorks. C.C.	Ditto	Airesborough Rawsdon Benton Park Secondary School	Simms, Son & Cooke	265,000	July 1957	—
Kent C.C.	Ditto	Technical College at Bromley : r.c. framed	Geo. Walker & Slater, Ltd. ..	250,000	Aug. 1957	—
I.C.I. Gen. Chemicals Division	Ditto	R.C. framed office building at Runcorn ..	Gilbert Ash, Ltd.	550,000	May 1957	—
Liverpool University	Ditto	Lecture theatre, research lab., tower block, other buildings	Holland & Hannen & Cubitts ..	494,000	Aug. 1957	—
Associated British Cinemas	Ditto	R.C. framed cinema at Preston	J. Gerrard & Sons, Ltd.	100,000	Oct. 1956	—
Birkenhead Corpn.	Ditto	Two blocks of multi-storey flats. Monolithic cast-in-situ load-bearing walls	W. Thorton & Sons, Ltd.	617,000	Nov. 1957	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) *(continued)*				
Essex C.C.	Ove Arup & Partners	R.C. framed technical college at Thurrock	Whyatts, Ltd., Stretham	200,000	Mar. 1957	—
James Beattie	Ditto	Four-storey extension to store at Wolverhampton	Bovis, Ltd.	175,000	May -1957	—
Wandsworth B.C.	Ditto	Cluster Block Flats: 3 blocks, 9-storeys, box frame construction	J Jarvis, Ltd.	225,000	Jan. 1956	—
		four blocks, 9-storeys, box frame construction	Pauling & Co., Ltd.	320,000	Sept. 1957	—
Harrods, Ltd.	Ditto	Multi-storey store, Rackham, Birmingham	Taylor Woodrow, Ltd.	3,500,000	Nov. 1957	—
May & Baker, Ltd.	Ditto	Three-storey r.c. building; administration building	W. & C. French, Ltd.	200,000	July 1957	—
Wiggins Teape & Co. (1919), Ltd.	W. S. Atkins & Partners.	Wood pulp mill at Sudbrook, S. Wales. Civil and mechanical services and co-ordination on plant installation	Turriff Constr., Ltd.	900,000	Aug. 1956	1957
		Paper mill at Dartford Paper Mill Ltd., Kent: Civil and mechanical services and co-ordination on plant installation	J. Longley & Co., Ltd.	1,559,000	Apr. 1956	1957
Associated Electrical Industries Ltd.	Ditto	Nuclear research reactor and ancillary building	Chivers & Sons, Ltd.	100,000	Aug. 1955	—
Henry Wiggin & Co. Ltd.	Ditto	Extensions to factory: Civil and structural engineering and mechanical services	R. M. Douglas, Ltd.	750,000	Aug. 1956	—
Littlewoods, Ltd.	Bingham, Blades & Partners	New store and office building, Liverpool	W. Thornton & Sons, Ltd.	1,000,000	1954	1957
General Motors, Ltd.	Ditto	Factory and office, Kirkby, Liverpool	Lloyd & Cross, Ltd.	900,000	1955	1957
Nash Kelvinator, Ltd	Ditto	New factory and office block, Bebington, Cheshire	Holland & Hannen & Cubitts, Ltd.	900,000	1956	—
Pearl Assurance Co.	Ditto	New office building, Liverpool	W. Moss & Sons, Ltd.	500,000	1955	1957
Automatic Telephone & Electric Co.	Ditto	New multi-storey factory and office block, Liverpool	Rimmer Bros. (Liverpool), Ltd.	200,000	1956	1957
Hebrew School	Ditto	Secondary school, Liverpool	Hibberts (Bldrs.), Ltd.	120,000	1956	1957
City of Birmingham Corpn.	City of Birmingham; *Sir Herbert J. Manzoni, C.B.E.; A. G. Sheppard Fidler, F.R.I.B.A.* (City Architect); Philip Skelcher & Partners; W. V. Zinn.	Duddeston & Nechells flatted factory	Wilson Lovatt & Sons, Ltd.	403,162	Aug. 1955	Nov. 1957
		Bath Row flatted factory	Turiff Constr. Corpn.	253,939	Aug. 1956	Feb. -1958
Wm. Teacher & Sons, Ltd.	Blyth & Blyth	New warehouse	Not yet let	150,000	1957	1958
Woodhall Paper Co., Ltd.	Ditto	Reconstruction of paper mill	J. Turner & Co., Ltd.	100,000	1956	1958
North British Distillery Co., Ltd.	Ditto	New warehouses	Mowlem (Scotland), Ltd.; J. Martin & Son, Ltd.	150,000	1957	1958
Western Building & Estates Co., Ltd.	Ditto	New office block	J. Laidlaw & Sons, Ltd.	150,000	1956	1957
Inveresk Paper Mill.	Ditto	New finishing house	J. Turner & Co., Ltd.	100,000	1956	1957
Ind Coop & Allsopp, Ltd.	Ditto	Reconstruction of Alloa brewery	Sir R. McAlpine; J. Grant & Son, Ltd.	180,000	1956	1958
National Coal Board.	Ditto	Shaft collar, fandrift and headframes for new colliery	Not yet let	—	1957	1958
British Petroleum Co.	British Petroleum Co.	Finnart depot expansion scheme: tank farm, etc.	G. Wimpey & Co.; Motherwell Bridge & Eng. Co.	—	May 1957	Dec. 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) *(continued)*				
Ministry of Works	F. R. Bullen & Partners.	New head post office, Ilford : r.c. foundations and frame	Hammond & Miles	200,000	Oct. 1955	1958
London C.C. ..	Ditto	Flats, Tulse Hill : r.c. foundations and load bearing brick superstructure	E. H. Smith (Croydon), Ltd. ..	1,000,000	July 1955	—
Bailey Meters & Controls, Ltd.	Ditto	Extensions to offices and factory at Croydon : r.c. foundations, steel superstructure	Truett & Steel, Ltd.	380,000	Feb. -1955	Mar. 1958
Grosvenor House Hotel	Ditto	Extension to existing building : r.c. foundations and super-structure	Taylor Woodrow Constr. Ltd. ..	570,000	1955	Nov. 1957
Ministry of Works	Ditto	National Telephone Exchange, London : r.c. foundations and superstructure	Trollope & Colls, Ltd.	390,000	1956	—
Stern & Bell; Weldall & Assembly, Ltd.	Ditto	New offices and factory, Birmingham : r.c. foundations and steel frame	Bryant & Son	180,000	June 1956	Nov. 1957
Y.M.C.A.	Ditto	New hostel, Croydon : r.c. foundations and superstructure including heating and mechanical services	Grace & Marsh, Ltd.	138,000	1955	Nov. 1957
Power Gas Corporation, Ltd.	Ditto	Extensions to machine shops : r.c. piled foundations and steel frame	Tarslag, Ltd.; Ashmore, Benson, Pease & Co.	500,000	Jan. 1957	1958
Royal Borough of Kensington	Ditto	Eleven-storey blocks of flats in reinforced concrete	Leslie & Co., Ltd.	280,000	1955	—
Newcastle C.C. ..	T. F. Burns & Partners.	Rutherford College of Technology	Ditto	374,000	Apr. -1956	Apr. 1958
Essex C.C.	Ditto	Warwick County Secondary School ..	Gray, Conoley & Co., Ltd. ..	140,000	Aug. 1957	Dec. 1958
Ministry of Works	Brian Colquhoun & Partners	Research establishments : roads, workshops, industrial and administrative buildings	Lavender McMillan, Ltd.; others not yet let	10,000,000	1956	1959
North Thames Gas Board, Beckton	Ditto	Tar products works : boiler house, services, roads, railways, and sewers	Sir R. McAlpine & Sons, Ltd.; Sir L. Parkinson & Co., Ltd.	450,000	1950	1958
Fisons, Ltd.	Ditto	Civil engineering plant foundations, buildings, c.w. system, etc., for nitrogen plant at Stanford le Hope	Sir L. Parkinson & Co., Ltd.; Film Cooling Towers (1925), Ltd.; Tilemans, Ltd.; J. Miller & Ptnrs., Ltd.	750,000	Dec. 1956	1958
Scottish Agricultural Industries, Ltd.	Crouch & Hogg	Reconstruction of Nutrimol Mills, Glasgow	Fram R.C. Co. (Scotland), Ltd.; H. Leggat, Ltd.	125,000	1954	1957
National Coal Board	Ditto	Cardowan Colliery reconstruction : No. 3 winder tower and foundation	Not yet let	100,000	1957	1958
The Gourock Ropework Co., Ltd.	Ditto	New factories and fire damage reconstruction	Brydon Constr. Co., Ltd.; H. Allan & Sons, Ltd.	80,000	1956	1957
British Geon, Ltd.	C. H. Dobbie & Partners.	Hycar Factory, for synthetic rubber ..	D. I. Williams, Ltd.	140,000	Oct. 1956	Aug. 1957
National Coal Board	Ditto	Winder tower at Wolstanton Colliery ..	Cementation Co., Ltd.; Sir A. McAlpine & Co., Ltd.	164,000	Aug. 1957	Aug. 1958
Yorks Insurance Co., Ltd.; Prudential Assurance Co.,	John Dossor	Foundations, structural frame and drainage, office building, York	F. Shepherd & Son, Ltd.	127,000	—	—
Air Ministry ..	Oscar Faber & Partners.	Storage buildings near Nottingham ..	Roberts & Co.	200,000	—	1957
A.P.C.M., Ltd. ..	Ditto	New cement works in Derbyshire	G. Wimpey & Co., Ltd.	1,000,000	—	1957
East Ham Council	Ditto	New school : foundations, retaining walls and structural frame	T. Bates & Co., Ltd.	100,000	1957	1958
		Municipal college : foundations, retaining walls, structural frame and services	Not yet let	250,000	—	—
		Sewage pumping station : storm ponds and other works	Not yet let	200,000	—	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) *(continued)*				
Merthyr Tydfil Corpn.	Oscar Faber & Partners.	New bus garage	Not yet let	100,000	—	—
Simms Edison Swan, Ltd.	Ditto	New warehouse and offices, Birmingham	G. Wimpey & Co., Ltd.	100,000	1956	1957
Spillers, Ltd. ..	Ditto	New warehouse at Newcastle	Purdie, Lumsden & Co., Ltd. ..	100,000	1956	1957
		Grain silos, warehouse and offices at Cambridge	Bierrum & Ptnrs.; W. Sindalls, Ltd.	150,000	1954	1957
Pinchin, Johnson & Assoc., Ltd.	Ditto	Factory extension at Silvertown	Greenaway & Son; S. Wiener ..	150,000	1954	1957
Queen's University, Belfast	Ditto	Extension at Stranmillis	F. B. McKee & Co., Ltd.; Redpath Brown & Co., Ltd.	1,200,000	1952	1958
		Physics' building	F. B. McKee & Co., Ltd.; Harland & Wolff, Ltd.; part not yet let	200,000	1956	1958
Hampshire C.C. ..	Ditto	New offices at Winchester	G. E. Wallis & Co., Ltd.	550,000	1955	1958
Cardiff C.C. ..	Ditto	Wales Empire Pool	Davis, Middleton & Davis, Ltd.	615,000	1956	1958
English Electric Co.	Ditto	New offices in London	Not yet let	1,000,000	1958	—
Express Dairy Co. ..	Ditto	Warehouse and transport depot at Northolt	Greenaway & Son	200,000	1955	1957
Pirelli General Cable Works, Ltd.	Ditto	Factory and laboratory at Southampton	P. Lind & Co., Ltd.; Dorman Long & Co., Ltd.	200,000	1955	1957
Barclay's Bank, Ltd.	Ditto	Head office reconstruction, London: foundations, frame, floors and services	Trollope & Colls, Ltd.; Dorman Long, Ltd.	3,000,000	1957	1965
Essex C.C.	R. F. Galbraith.	School, Romford: foundations, r.c. frame and floors, welded steelwork	S. B. Budge & Co., Ltd.	250,000	Mar. 1957	—
St. George's Hospital Medical School	Ditto	Extensions: piled foundations, steel frame, r.c. floors, etc.	F Batty & Smith	100,000	Dec. 1956	—
National Coal Board W. Midlands Division	Sir Alexander Gibb & Partners.	Foundations, buildings and ancillary works for new Colliery at Lea Hall, Staffs.	Sir A. McAlpine & Son; Holst & Co.; J. Laing & Son, Ltd.; T. W. Ward, Ltd.	2,300,000	Feb. 1953	—
		Operating and marshalling sidings for Collieries at Hem Heath, Staffs.	Staffordshire Public Works Co., Ltd.; W. Jones, Ltd.	450,000	Mar. 1955	1957
Courtaulds, Ltd. ..	Ditto	Construction of power house at Grimsby	Melville, Dundas & Whitson, Ltd.; various plant suppliers	1,000,000	Nov. 1954	1957
Jute Industries, Ltd.	Ditto	Site development and construction of new spinning mill at Dundee	Crowley Russell, Ltd.; G. Wimpey & Co.; A. Findlay & Co., Ltd.	662,000	June 1955	June 1957
Monsanto Chemicals, Ltd.	Ditto	Site development, civil engineering and building works for new factory at Fawley	Sir R. McAlpine & Sons, Ltd. ..	900,000	1957	—
Gallaher, Ltd. ..	Ditto	Site development, civil engineering and building works for new factory at Lisnafillan	Sir A. McAlpine & Son, Ltd. ..	1,500,000	Mar. 1956	—
A. Schraders' Son, Bridgtown, Cannock	Sir Herbert Humphries & McDonald	New factory and office block	A. & R. Astbury	100,000	1956	1957
St. Paul's Precinct, Bank of England	Hurst Pierce & Malcolm ..	Foundations, steel framework and r.c. floors, etc.	Holland & Hannen & Cubitts, Ltd.	1,000,000	1953	1958
Bucklersbury House,	Ditto	Foundations and substructure	Humphreys, Ltd.	300,000	1954	1957
Mercers Hall ..	Ditto	Foundations, steel framework, r.c. floors	Ashby & Horner, Ltd.	200,000	1954	1957
Lambeth B.C., Studley Road	Ditto	R.C. framework floors and foundations for multi-storey flats	Gleesons, Ltd.; J. Jarvis & Sons, Ltd.	300,000	1953	—
John Lewis Ptns. ..	Ditto	Foundations, steel framework, r.c. floors	Rush & Tompkins	700,000	1955	1960

Title of scheme and/or purchasing authority	Consulting Engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) *(continued)*				
Blackburn College	Hurst, Pierce & Malcolm	Foundations, r.c. framework, and floors	W. Livesey & Sons	200,000	1953	1958
Manchester University and the D.S.I.R.	Husband & Co.	Radio telescope at Jodrell Bank, Cheshire	United Steel Structural Co., Ltd.; W. J. Whittal & Sons, Ltd.; Brush Electrical Eng. Co., Ltd.	600,000	1952	July 1957
National Coal Board	Ditto	Cadeby Colliery coal preparation plant ..	J. L. Kier & Co., Ltd.	1,000,000	1955	Mar. 1958
		Silverwood coal preparation plant	T. Fletcher & Co., Ltd.; part not yet let	1,000,000	1956	Mar. 1959
		Warsop Colliery No. 2 pit: reconstruction of headgears, heapstead, m.g. house, etc.	Dorman Long (Bridge & Eng.), Ltd.; Simms, Sons & Cooke; Martin Cowley, Ltd.	226,000	1956	May 1958
		Kellingley new colliery: surface installation	Not yet let	2,000,000	Jan. 1958	—
National Glass Works (York) Ltd.	Ditto	New warehouse	W. Birch & Sons, Ltd.	160,000	Aug. 1955	1958
Production Engineering Research Association	Ditto	New research laboratories and offices at Melton Mowbray	W. J. Whittal & Sons, Ltd. ..	200,000	Dec. 1954	1957
Stocksbridge U.D.C.	Ditto	Development of Stubbin Farm Estate ..	C. E. Roberts & Co.	207,648	Oct. 1955	1958
British Belting & Asbestos, Ltd.	Ditto	New research laboratories and offices at Cleckheaton, Yorks.	J. Radcliffe & Sons, Ltd.	130,000	July 1954	1957
War Office	Ditto	New depot at Egginton	Sir A. McAlpine & Son, Ltd. ..	1,084,000	Oct. 1954	1957
Samuel Osborn & Co., Ltd.	Ditto	Shell moulding foundry	J. F. Finnegan & Co. (Sheffield), Ltd.	200,000	1956	1957
Brightside Foundry & Eng. Co., Ltd.	Ditto	New extensions	G. Wimpey & Co., Ltd.	130,425	1956	1957
The Permutit Co., Ltd.	Ditto	New factory at Ealing	Fassnidge, Son & Norris, Ltd. ..	210,000	1955	1957
Raleigh Industries, Ltd., Nottingham	Ditto	New factory	T. Bow; Dorman Long (Bridge & Eng.), Ltd.	2,000,000	1955	Dec. 1957
Sheffield Hospital Regional Board	C. MacKechnie Jarvis & Partners; Underwood & Mander	New hospital, Boston General Hospital, East Starbeck	Not yet let	500,000	—	—
Westminster City Council	Kennedy & Donkin; Scott & Wilson, Kirkpatrick & Partners	District heating for Churchill Gardens Estate	J. Jeffreys & Co., Ltd.; G. N. Haden & Sons, Ltd.; Sulzer Bros. (London), Ltd.; Ellis (Kensington), Ltd.	300,000	1950	1960
Financial Times, Ltd.	W. A. Mitchell	Head office and printing works, London	F. G. Minter, Ltd.	1,500,000	Dec. 1955	1958
Associated Ethyl Co., Ltd.	L. G. Mouchel & Partners, Ltd.	Factory at Ellesmere Port	G. Wimpey & Co., Ltd.	1,500,000	1955	—
Bristol University ..	Ditto	School of engineering extensions	W. Cowlin & Co., Ltd.	—	—	—
Buchanan's Jetty ..	Ditto	Thick r.c. slab on piles	P. Lind & Co., Ltd.	123,000	1956	1957
Buchanan's Warehouse	Ditto	R.C. framed warehouse, offices and canteen	William Moss & Sons, Ltd. ..	200,000	1957	1959
London & Thames Haven Oil Wharves, Ltd.	Ditto	Civil engineering works for new tankage at Thames Haven, Essex	W. & C. French, Ltd.	185,000	1957	—
		Two oil jetties	P. Lind & Co., Ltd.	900,000	Apr. 1957	—
Meadowside Granary, West Extensions	L. G. Mouchel & Partners, Ltd.; Clyde Navigation Trust; *A. Thomson, M.I.C.E.*	50,000 ton grain silo and receiving house	K. Holst & Co., Ltd.	—	1957	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) *(continued)*				
Joseph Rank, Ltd.	L. G. Mouchel & Partners, Ltd.	Mill building, garages, offices and grain silo, Leith	Holloway Bros. (London), Ltd. ..	1,000,000	Sept. 1950	—
Spillers, Ltd. ..	Ditto	Reconstruction of Millennium Mill, Victoria Dock, London	Ditto	750,000	1951	—
Tate & Lyle, Ltd. ..	Ditto	R.C. cladding of recovery house	M. J. Gleeson (Contrs.), Ltd. ..	160,000	Oct. 1953	—
B.B.C.	Norman & Dawbarn; M. T. Tudsbery	New television centre : main block superstructure	Higgs & Hill, Ltd.	—	1956	1960
Borough of Luton..	Norman & Dawbarn ..	College of Further Education 3rd stage ..	Robert Marriott, Ltd.	438,000	1957	1960
Borough of Hampstead	Ditto	Shops and flats at Harben/Finchley Road	Unit Constr. Co.	720,000	1955	1958
Imperial College of Science & Technology	Ditto	Mechanical engineering and physics blocks	J. Jarvis & Sons, Ltd.	2,564,000	1957	1959
Briggs Motor Bodies, Ltd.	Posford, Pavry & Partners.	New assembly building, body-in-white building, press shop, and other new works and extensions	G. Percy Trentham, Ltd.; Marples, Ridgway & Partners, Ltd.	7,434,000	1955	1960
Garton, Sons & Co., Ltd.	Ditto	New Wetside and steephouse buildings ..	Bovis, Ltd.	100,000	1957	1959
National Coal Board	Ditto	Rising Sun Colliery : surface reconstruction	J. L. Kier & Co., Ltd. (part) ..	750,000	1957	1959
		Weetslade Colliery : surface installations	G Wimpey & Co., Ltd.; J. L. Kier & Co., Ltd. (part)	200,000	1955	1959
British Petroleum, Ltd.	Rendel, Palmer & Tritton	Distillation unit, buoyant foundations : Grangemouth	Not yet let	—	Oct. 1957	1958
B.P. Refinery (Kent) Ltd. (1956 expansion)	E. B. Badger (G.B.) Ltd.; Kellogg Int. Corp.; Power Gas Corpn.; Simon-Carves, Ltd.; Ratolle Ltd.; W. J. Fraser & Co. Ltd.; Lummus & Co.; Rendel, Palmer & Tritton; British Petroleum Co.	Process units for increased thro'put and aviation gasoline production : erection of plant and offsite facilities. Civil engineering work. Tankage erection	G. Wimpey & Co.; Sir R. McAlpine, Ltd.; Motherwell Bridge & Eng. Co., Ltd.	—	Mar. 1956	1958
National Coal Board : Gwendraeth Valley Development	Rendel, Palmer & Tritton	Cynheidre Project : general surface layout, works and services ; shaft linings; winder tower, compressor house, mine car circuit house, reservoir, fandrift and services	D. I. Williams, Ltd.; Kees & Kirby, Ltd.; Gee, Walker & Slater; and others	1,000,000	1953	1958
British Nylon Spinners, Ltd.	Scott & Wilson, Kirkpatrick & Partners	Extensions to existing factory at Doncaster	Sir R. McAlpine & Sons (Midlands), Ltd.	700,000	1957	1958
		Office block, research block, other buildings and extensions at Pontypool	Sir R. McAlpine & Sons (South Wales), Ltd.	900,000	Oct. 1956	Dec. 1958
Westminster City Council	Ditto	Pimlico Housing Estate : third stage ..	M. J. Gleeson (Contrs.), Ltd. ..	740,000	1957	1959
Kent C.C.	Ditto	Archer's Court secondary school, Dover	R. J. Barwick	130,000	Jan. 1955	1957
Liverpool Corn Exchange	Ditto	Rebuilding Corn Exchange	Tysons (Contrs.), Ltd.	950,000	Jan. 1953	1957
Clerical, Medical & General Life Assurance Society	Ditto	Structure of r.c. office block at Manchester	H. Fairweather & Co., Ltd. ..	200,000	1956	1958
Worcestershire C.C.	Ditto	Astwood Bank secondary modern school	Colman & Tyas	136,000	1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) (*continued*)				
British European Airways	Scott & Wilson, Kirkpatrick & Partners	Maintenance Base	Holland & Hannen & Cubitts, Ltd.	4,000,000	Oct. 1956	1960
Imperial Chemical Industries, Ltd.	Ditto	Office Block, Witton, Birmingham	Tarmac, Ltd.	—	Jan. 1956	1957
General Steam Navigation Co., Ltd.	Ditto	Six-storey office block: foundations and basement	Demolition & Constr. Co., Ltd. ..	180,000	1956	1957
City & County of Gloucester	Ditto	Railway bridge, Tuffley, Gloucestershire	A. Monk & Co., Ltd.	100,000	1956	1958
Shell Estates, Ltd.	Ditto	Headquarters office on South Bank: two 10-storey block and one 25-storey block	Sir R. McAlpine & Sons, Ltd.	—	1957	1961
"Shell" Refining & Marketing Co., Stanlow Refinery	"Shell" Refining & Marketing Co.	Foundations for tanks, roadworks, etc. ..	A. Monk & Co., Ltd.	327,000	May 1956	June 1957
		Administration offices and canteen ..	Ditto	700,000	Oct. 1956	Nov. 1958
		New coaster berth	Sir A. McAlpine & Son, Ltd. ..	265,000	June 1956	Mar. 1957
		Fuel oil supply line to C.E.A.'s Bromborough power station	Sulzer Bros., Ltd.; A. Monk & Co., Ltd.; G. Wimpey & Co., Ltd.; Sir A. McAlpine & Son, Ltd.	422,000	Aug. 1956	Nov. 1957
Ditto	Procon, Ltd.	Udex plant	—	800,000	—	June 1958
Shell Haven Refinery	E. B. Badger & Sons, Ltd.	Distillation unit	J. Laing & Co., Ltd.	3,110,000	—	July 1958
Shell Chemical Co., Ltd., Shell Haven Refinery	Lummus Co.	Shell fertilizer plant	—	6,500,000	—	July 1958
Petrochemicals, Ltd., Partington	W. J. Fraser, Ltd.	Plastics plant	G. Wimpey & Co., Ltd.	550,000	—	Jan. 1957
	Lumus Co.	Ethylene oxide plant	G. Wimpey & Co., Ltd.	3,025,000	—	Jan. 1958
	Ditto	Ethylene expansion scheme	—	1,010,000	—	July 1958
Unilever Ltd.: Storage depots for S.P.D., Ltd.	Frederick S. Snow & Partners.	Cardiff: piled foundations, steel-frame building, roads, siding, cold store	W. E. Chivers & Sons, Ltd. ..	172,000	1956	1957
		Peterborough: piled foundations, steel-framed building, roads, siding, cold store	R. G. Carter, Ltd.	100,000	1956	1957
		Chesham: r.c. foundations, steel-framed building, roads, cold store	Tersons, Ltd.	230,000	1956	1957
		Salfords: r.c. foundations, steel-framed building, roads, cold store	County Contracting Co.	240,000	1957	1958
		Nottingham: r.c. foundations, steel-framed building, roads, cold store	Turriff Const. Co.	184,000	1957	1958
		Dronfield: r.c. foundations, steel-framed building, roads, siding, cold store	R G. Carter, Ltd.	187,000	1957	1958
		Reading: r.c. foundations, steel-framed building, roads, cold store	Not yet let	—	1957	1958
John Mackintosh & Sons, Ltd.	Ditto	New factory and administration block, alterations to boiler house	J. Youngs & Sons, Ltd.	1,000,000	1947	1958
Bermondsey B.C. ...	Ditto	R.C. flats Abbey Street	Diespeker, Ltd.	—	1957	1958
		Twin tower block, Slippers Place	Not yet let	—	1957	—
Montague Burton ..	Ditto	New departmental store, Strand, W.C.2	Higgs & Hill, Ltd.	373,000	1957	1958
Ruberoid Co., Ltd.	Ditto	New paper mill at Brimsdown	W. & C. French, Ltd.	—	1955	1957
Thames Board Mills, Ltd.	Frederick S. Snow & Partners; Unilever Ltd.	Converting factory at Warrington; machine house	A. Monk, Ltd.	856,600	1954	1957
Thames Board Mills, Ltd.	Frederick S. Snow & Partners.	Boiler house extension at Warrington ..	Ditto	120,000	1956	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (HOME) (*continued*)				
The Hon. Soc. of the Middle Temple	D. W. Tull & Partners...	Rebuilding	Dove Bros., Ltd.	100,000	1950	1957
Westons Biscuits, Ltd.	Ditto	New factory at Edinburgh	W. & J. R. Watson, Ltd.	150,000	Oct. 1956	Dec. 1957
Metropolitan Police	Leslie Turner & Partners	New section house in r.c., Clapham ..	Kirk & Kirk, Ltd.	120,000	1957	—
N.W. Met. Regional Hospital Board	Ditto	R.C. structures for Welwyn/Hatfield New Hospital	Not yet let	2,000,000	—	—
Southend - on - Sea C.B.	Ditto	Cliffs Pavilion : r.c. structure and dome	Not yet let	250,000	—	—
J. Bibby & Sons, Ltd.	Sir Bruce White, Wolfe Barry & Partners	Wandsworth : new factory for manufacture of compound cattle food ; piling, steel, main civil engineering and electrical contract	Cementation Co., Ltd.; J. Booth & Sons (Bolton), Ltd.; Holland & Hannen & Cubitts, Ltd.; Holliday, Hall & Stinson, Ltd.	559,000	1954	1958
		Dunball : bulk storage block and extension	John Lysaght's Bristol Works, Ltd.; W. Marsh & Sons, Ltd.	90,000	—	1957
		N. Ireland : new factory for manufacture of compound cattle food	Not yet let	425,000	—	—
		STRUCTURAL AND INDUSTRIAL (ABROAD)				
Kuwait Oil Company, Ltd.	E. B. Badger & Sons, Ltd.; Bechtel Int. Corpn.; G. Wimpey & Co., Ltd.	7,100,000 t.p.a. refinery extension at Kuwait	E. B. Badger & Sons, Ltd.; Bechtel Int. Corpn.; G Wimpey & Co., Ltd.	—	1956	1957
Burma Pharmaceutical Industry, Rangoon	Bolton, Hennessy & Partners	Factory : civil engineering, structural steel and concrete	Htin Aung Bros.; Holland & Hannen & Cubitts, Ltd.	2,500,000	1954	1957
Kumasi College of Technology	Ditto	Students' halls of residence in r.c.	Lang & Co.	500,000	1957	—
British Petroleum Refinery (Aden)	British Petroleum Co., Ltd.; Kellogg Int. Corpn.	Thermal reformer	Bechtel Int. Corpn.	—	Dec. 1956	Apr. 1958
National Iranian Fisheries Dept.	Brian Colquhoun & Partners	Extension and equipment of fishing bases on Caspian Sea	L. Sterne & Co., Ltd.; and others	370,000	Sept. 1956	1958
Bahrain Petroleum Co., Ltd.	Brian Colquhoun & Partners; Caltex Services, Ltd.	Bahrein Refinery, East Gate building, workshops and Awali dining hall	Various	740,000	1956	1958
Caltex Oil Refining (India), Ltd.	Ditto	Maintenance shop, garage and storehouse at Visaknapatnam	Various	200,000	1956	1958
Northern Rhodesia Govt.	Brian Colquhoun & Partners	Structure, services for hospital at Kitwe	R. Costain, Ltd.	1,050,000	Apr. 1954	June 1958
		Structure and services for hospital at Livingstone	Not yet let	400,000	Jan. 1956	1959
		Structure and services for hospital at Lusaka	Not yet let	600,000	1956	Aug. 1960
		Structure and services for Lusaka post office	Finch Foundations, Ltd.; J. Howard (Africa), Ltd.	100,000	July 1955	Oct. 1957
Municipality of Vereeniging	Ditto	Abattoir	Nicolai & Sons, Ltd.; Davies & Co., Ltd.; Matthew Hall, Ltd.	250,000	Sept. 1955	1957
Municipal Board of Mufulira	Ditto	Roads, water supply, sewerage and electricity scheme	J. Laing & Son, Ltd.; Aberdare Constr. Co. (Rhodesia), Ltd.	300,000	1956	—
University College of Ghana	Oscar Faber & Partners.	New university buildings : r.c. structures	Taylor Woodrow (Ghana), Ltd. ..	700,000	1957	1959
Crown Agents for the Colonies	Ditto	New hospital and ancillary works at Aden	G. Wimpey & Co., Ltd.	800,000	1955	1957
Barclay's Bank (D.C. & O.) Ltd.	Ditto	New offices at Accra : r.c. frames, foundations, etc.	Micheletti, Ltd.	3,000,000	1958	1959

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		STRUCTURAL & INDUSTRIAL (ABROAD) *(continued)*				
Govt. of Iraq ..	Oscar Faber & Partners ..	Hospital and other works in Baghdad ..	Not yet let	3,000,000	1958	—
University of Khartoum	Ditto	New university, chemistry block	Local contractor	100,000	1957	1958
Uganda Electrical Board (Tororo)	Henry Pooley	Cement works construction and extension	Polysius G.m.b.H.	1,500,000	—	—
Govt. of Northern Rhodesia	Ditto	Cement works construction at Chilanga, (near Lusaka)	Vickers-Armstrong (Engrs.), Ltd.	1,000,000	—	—
Seven - year Plan Organisation, Iran	Ditto	Doroud Cement Works	E. Allen & Co., Ltd.	1,800,000	—	—
		Manjil Cement Works	Polysius G.m.b.H.	1,400,000	—	—
Saudi Cement Co. (Hofuf) S. Arabia	Ditto	Cement works construction	Ditto	1,500,000	—	—
United Provinces Govt., India (Churk)	Ditto	Cement works construction	Vickers-Armstrong (Engrs.), Ltd.	2,500,000	—	—
Commissioners for the Port of Calcutta	Rendel, Palmer & Tritton	Conveying and handling equipment for tea chests at Libyan Depot	Not yet let	200,000	1957	1959
National Iranian Oil Co.: Trans-Iranian Pipeline	A. C. Hartley; Rendel, Palmer & Tritton.	Pipeline, Abadan-Tehran	Costain - John Brown; Societe Entrepots	10,500,000	May 1955	May 1957
National Iranian Oil Co.	Ditto	Pipeline, Azna-Isfahan	Societe Entrepots	1,820,000	1956	1958
British Nylon Spinners, Ltd., Pontypool	Scott & Wilson, Kirkpatrick & Partners	Factory at Melbourne	Braithwaite & Co. Struct., Ltd. (steelwork)	800,000	1956	1957
Govt. of Iraq, Ministry of Defence	Sir Bruce White, Wolfe Barry & Partners	Design and construction of Ministry of Defence factory and ancillary works including electrical works	Polensky & Zollner	180,000	1957	1958
Production Engineering, Ltd., for Booker Bros., McConnell & Co.	Ditto	British Guiana: bulk handling of sugar; provision of storage jetty, reorganisation of quays and wharves, and introduction of conveying machinery including electrical works	Not yet let	850,000	—	—
		WATER SUPPLY (HOME)				
Corpn. of the City of Aberdeen	Aberdeen Water Dept.; *A. G. Booth, M.I.C.E.*	3 m.g. extension to Fernhill service reservoir	Not yet let	—	—	—
Dumbarton T.C.: pumping scheme from Loch Lomond	Babtie, Shaw & Morton	8 miles of 21in., 18in. and 9in. main, distribution piping, intake works, pumping station and storage tanks	Stewarts & Lloyds, Ltd.; Stanton Ironworks Co., Ltd.; Drysdale & Co., Ltd.; Whatlings, Ltd.; part not yet let	450,000	1956	—
Corpn. of Greenock; Whinhill	Ditto	Filtration plant, storage tank, 24in. main and ancillary works	Whatlings, Ltd.; Bell Bros. (Manchester, 1927), Ltd.	270,000	Nov. 1954	1957
Moray C.C.: Romach water scheme	Ditto	Trunk mains, tanks and distribution piping	R. Baillie & Sons, Ltd.; A. Falconer; J. McAdam & Sons, Ltd.; Stanton Ironworks Co., Ltd.; Turners Asbestos Cement Co., Ltd.; Glenfield & Kennedy, Ltd.	200,000	1954	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*		£		
Ross & Cromarty C.C.: Loch Glass scheme	Babtie, Shaw & Morton ..	Headworks, filter station, trunk mains, tanks and distribution piping	Turners Asbestos Cement Co., Ltd.; Cochranes (Middlesboro'), Ltd.; W. Tawse, Ltd.; A. A. Stuart & Sons (Glasgow), Ltd.; Bell Bros. (Manchester, 1927), Ltd.	500,000	1951	1959
Don Valley Water Board	D. Balfour & Sons ..	3 m.g. reservoir, pumping main, etc. ..	A. Eastwood & Sons, Ltd. ..	400,000	Mar. 1955	—
Stevenage Development Corpn.	Ditto	2 m.g. reservoir extension and ½ m.g. water tower	J. Miller & Ptnrs. Ltd.	100,000	Aug. 1954	—
		Whitehall pumping station and machinery	W. & C. French, Ltd.; W. H. Allen, Sons & Co., Ltd.	90,000	Jan. 1955	—
Mourne scheme ..	Belfast City and District Water Commissioners; *R. E. D. Bain, M.I.C.E.*	Newcastle siphon triplication, second section; 4 miles 39in. dia. steel pipes, bitumen sheathed and lined	Farrans, Ltd.; South Durham Steel & Iron Co., Ltd.	176,000	June 1955	Mar. 1957
Whiteabbey works	Ditto	6 m.g. and 1 m.g. concrete-covered reservoirs: pumping station, micro-straining and chlorination plant	McLaughlin & Harvey, Ltd.; Pulsometer Eng. Co., Ltd.; Glenfield & Kennedy, Ltd.; Wallace & Tiernan, Ltd.	190,000	July 1954	June 1957
Mourne - Stonyford interconnection main	Ditto	2.18 miles 30in. dia. pre-stressed lock joint cylinder pipes; 1,000 yds. 18in. spun iron pipe with bolted gland joints	Part not yet let; Stanton Ironworks, Ltd.; Cochranes' (Middlesbro'), Foundry, Ltd.	165,000	Oct. 1957	May 1957
Belfast City & District Water Commissioners	Binnie, Deacon & Gourley	Mourne scheme; Upper Silent Valley reservoir: concrete gravity dam 700ft. long, 120ft. high, 1,750 m.g. capacity	C. Brand & Son, Ltd.	650,000	1953	1957
Caithness C.C. regional water scheme	Ditto	Extensions to headworks and distribution scheme; six concrete reservoirs; additional pumping machinery	Turners Asbestos Cement Co., Ltd.; Cochranes (Middlesbro'), Ltd.; Glenfield & Kennedy; G. Gilkes & Gordon, Ltd.; A. Sutherland, Ltd.; T. J. McDonald; W. Tawse, Ltd.; J. Skinner; Guest & Chrimes; McBride & Co.; Stanton Ironworks Co., Ltd.	950,000	1955	1960
Caithness C.C. Dounreay scheme	Ditto	Mass concrete dam; 6 miles 16in. dia. and 3 miles 12in. dia. steel pipes; treatment works	W. Tawse, Ltd.	320,000	1955	1957
Daer Water Board: Daer scheme	Ditto	Water treatment plant	United Filters & Eng., Ltd. ..	87,000	1949	1957
Herts. and Essex Water Co.: Harlow supply	Ditto	Extension to Hadham headworks: 6 miles 21in. dia. steel pipes; 3 boreholes and pumping stations; balancing tank	W. & C. French, Ltd.; Stewarts & Lloyds, Ltd.	320,000	1956	1958
Londonderry R.D.C.: Faughan River scheme	Ditto	Regulating weir; river intake and pumping station; 3½ miles 27in.-30in. mains; treatment works and 5 m.g. reservoir	Harland Eng. Co., Ltd.; Stewarts & Lloyds, Ltd.; part not yet let	640,000	1957	1959
S. Armagh: Clea Lake scheme	Ditto	Intake works, pressure filtration plant, mass concrete service reservoir, 40 miles distribution pipe lines 10in.-4in. dia.	R. J. Pattison Nutt & Sons; P. Carvill & Sons, Ltd.	280,000	1956	1958
Spilsby R.D.C.: Driby scheme	Ditto	Three boreholes, treatment works, clear water tank and pumping machinery; two 1 m.g. service reservoirs; pipelaying 20½ miles 12in.-6in. dia.	J. Jarvis & Sons, Ltd.; R. & C. T. Whitehead; Stamford Constr., Ltd.; Earth & General Contracts, Ltd.	322,000	1953	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Taf Fechan Water Supply Board	Binnie, Deacon & Gourley	2 miles of 24in. trunk main	D. I. Williams; Stewarts & Lloyds, Ltd.	70,000	1956	1957
		Booster station and main laying	J. E. Jones & Co., Ltd.; Sulzer Bros. (London), Ltd.	82,000	1957	1958
Hanningfield Water Joint Managing Committee: Hanningfield scheme	Binnie, Deacon & Gourley; T. & C. Hawksley	Reservoir 6,000 m.g.; earth embankment 2,300 yds. long 68ft. high, and ancillary works	W. & C. French, Ltd.	2,100,000	1952	1957
		Earth embankment 600 yds. long, 35ft. high, road diversions and marginal embankments; 32 m.g.d. pumping station	W. & C. French, Ltd.	390,000	1953	1957
Birkenhead and Wallasey Corpns.: River Dee scheme	Birkenhead Corpn. Water Department; *W. K. Lewis, M.I.C.E.*; Sir Alexander Gibb & Partners	Alwen aqueduct duplication; River Dee scheme (7 m.g.d.) intake, pumping stations, filtration plant and pipelines	Candy Filter Co., Ltd.; Harland Eng. Co., Ltd.; Horseley Bridge & T. Piggott, Ltd.; Blakeborough & Sons, Ltd.; A. Monk & Co., Ltd.; Spinks & Denning, Ltd.; J. Roddy; direct labour	1,200,000	1955	1957
Birmingham Corpn. Water Dept.	Birmingham Corpn. Water Department; *C. A. Risbridger, M.I.C.E.*	Frankley treatment works: raw water main, 500 yds. of 60in. steel pipes	Direct labour; Clayton, Son & Co., Ltd.	52,000	1957	1957
		rapid gravity filters	Direct labour	205,000	1954	1960
		Elan Aqueduct, fourth main: 9¼ miles 60in. dia. C.L. steel pipes	Direct labour; Clayton, Son & Co., Ltd.	891,000	1955	1959
Zetland C.C. ..	Blyth & Blyth	Regional water supply	Direct labour; A. Robertson & Co., Ltd.; W. Fraser & Ptnrs.	200,000	1956	1958
Sweetloves new filter scheme	Bolton Corpn. Water Dept.; *H. R. Davenport, A.M.I.C.E.*	Renewals and extensions of filter plant and storage tank	Candy Filters, Ltd. (part) ..	147,000	1957	—
Bradford Corpn. ..	Bradford Corpn. Water Dept.; *G. F. Renton, M.I.C.E.*	36in. trunk main and chlorination plant	Staveley Iron & Chem. Co., Ltd.; Stanton Ironworks Co., Ltd.; J. Blakeborough & Sons, Ltd.; Wallace & Tiernan, Ltd.; British Pitometer Co., Ltd.; direct labour; part not yet let	148,495	1957	1959
Bowland R.D.C. regional scheme	Arnold Brooksbank & Son	30 miles of mains, 7 service reservoirs ..	Grocock & Day, Ltd.; G. Waddington	186,000	Feb. 1956	Dec. 1957
Borough of Colchester: Stour Valley supply scheme	Borough of Colchester Water Supply Dept.; *J. S. Orchard*: Indented Bar & Concrete Eng. Co., Ltd.	3 m.g. two-tier r.c. service reservoir; 2 miles 27 in. steel main; 4 miles 18-12 in. asbestos cement mains; multi-telemetering system for remote control and indication	W. & C. French, Ltd.; McGinty Constr. Co., Ltd.; E. Thompson, Ltd.; South Durham Steel & Iron Co., Ltd.; Turners Asbestos Cement Co., Ltd.; Evershed Vignoles, Ltd.	307,000	June 1955	1957
Yates Duxbury, Ltd.	Brian Colquhoun & Partners	Water treatment plant, including pressure piling	Bell Bros. (Manchester), Ltd.; Pressure Piling Co., Ltd.; part not yet let	80,000	Dec. 1957	1958
Beccles Corpn., Lothingland and Wainford R.D.Cs	A. P. I. Cotterell & Son	Regional water supply scheme	Vibrated Concrete Constr. Co., Ltd.; Turners Asbestos Cement Co., Ltd.; E. Thompson, Ltd.; T. Carey; H. A. Holmes & Son, Ltd.	454,500	June 1951	—
Depwade R.D.C. ..	Ditto	Regional water supply scheme	E. Thompson, Ltd.; Vibrated Concrete Constr. Co., Ltd.; Grocock & Day, Ltd.; A. J. Holloway	587,000	1948	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Walsingham R.D.C.	A. P. I. Cotterell & Son ..	Regional water supply scheme	Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.; F. W. Shanks, Ltd.	400,000	1950	—
Wayland R.D.C. ..	Ditto	Regional water supply scheme	Staveley Iron & Chem. Co., Ltd.; direct labour	423,000	Mar. 1947	—
Angus and Kincardine C.C.s	Crouch & Hogg	Loch Lee scheme	Not yet let	1,800,000	1957	—
Orkney C.C. ..	Ditto	Kirbister and Boardhouse schemes ..	Direct labour; part not yet let	255,000	1957	1961
Roxburgh C.C. ..	Ditto	Ale water scheme	J. Crow & Sons; W. Bell & Sons; Rodger (Bldrs.), Ltd.; R. Baillie & Sons, Ltd.	1,250,000	1955	1960
Wigtown C.C. ..	Ditto	Penwhirn Burn scheme, phase 2	Not yet let	600,000	1957	1964
Buckie T.C. ..	Ditto	Pumping station and 8 miles 10in. dia. main	R. Baillie & Sons, Ltd.; Sulzer Bros. (London), Ltd.	105,000	1955	1957
Kirkcaldy T.C. ..	Ditto	Rothes borehole supply: pumps, filters	T. Menzies; Harland Eng. Co., Ltd.; Bell Bros. (Manchester, 1927), Ltd.	65,000	1955	1957
Colvilles, Ltd. ..	Ditto	Ravenscraig: 24in. pumping main, pumps and 0.25 m.g. r.c. water tower	Mackenzie, Ltd.; Drysdale & Co., Ltd.	150,000	1956	1957
Derby Corpn. ..	Derby Corpn. Water Dept.; *I. G. Edwards, A.M.I.C.E.*	Reconstruction of Little Eaton pumping station: water treatment and pumping plant, r.c. tanks, buildings, 9in.-24in. mains	Candy Filter Co., Ltd.; Harland Eng. Co., Ltd. M. J. Gleeson (Contrs.), Ltd.; Stanton Ironworks Co., Ltd.; Wallace & Tiernan, Ltd.; direct labour	275,000	1954	1958
		Water mains, 9in.-21in. dia.	Stanton Ironworks Co., Ltd.; Staveley Iron & Chem. Co., Ltd.; direct labour	119,000	1957	1958
		Sponden No. II service reservoir and repumping station	Not yet let	58,000	1958	1959
		Reconstruction of service reservoirs at Little Eaton	Not yet let	93,000	1958	1959
Derwent Valley Water Board	Derwent Valley Water Board; *R. W. S. Thompson, M.I.C.E.*	Two intakes and pumping stations, 3 miles of pipes 30-42in. dia. and tunnel	Harland Eng., Ltd.; J. Miller & Ptnrs., Ltd.; part not yet let	590,000	1957	1959
Corpn. of Dundee	Dundee Corpn. Waterworks; *G. Little, M.I.C.E.*	Laying 40in. steel main, with ancillary work, from Lintrathen Loch to Clatto reservoir	Direct labour; Stewarts & Lloyds, Ltd.; Glenfield & Kennedy, Ltd.	538,500	Oct. 1951	1957
		500,000-gall. r.c. water tower at Gallowhill	C. Dick & Son	50,000	Aug. 1953	1957
Edinburgh Corpn.	Edinburgh Corporation Water Department; *J. A. B. Scott, M.I.C.E.*	Replacement of North Pentland aqueduct: 2,733 yds. 27in. and 2,100 yds. 21in. dia. spun piping, concrete lined	Direct labour; Cochranes Foundry, Ltd.	56,000	Mar. 1954	1957
		Talla Aqueduct: triplication of syphons: Broughton syphon, 5,500 yds. 33in. steel piping	Direct labour; Stewarts & Lloyds, Ltd.	125,000	Apr. 1956	1958
		Tarth & Lyne syphons: 4,350 yds. 33in. steel piping	Ditto	140,000	Apr. 1957	1958
		Tweed, Kingledores & Logan syphons: 2,300 yds. 36in. steel piping	Ditto	111,000	Apr. 1958	1960
		Fairmilehead filters: 7 m.g. clear water tank	J. White & Co. (Contr.), Ltd. ..	165,000	July 1956	1960
Stafford R.D.C. ..	Elliott & Brown	Western area water scheme	Mulcaster & Co.; Stanton Ironworks Co., Ltd.; A. Eastwood & Sons, Ltd.	233,000	1954	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) (*continued*)				
Llandeilo R.D.C. ..	Sandford Fawcett & Partners	Water mains	Not yet let	140,000	Dec. 1957	—
Regional water contract	Fife C.C.; *C. Huddleston, A.M.I.C.E.*	11¾ miles 18in. and 24in. mains	Direct labour	238,000	1955	1958
Fylde Water Board	Fylde Water Board; *F. Law, M.I.C.E.*	Second line of Hodder Aqueduct, fourth section: 3.8 miles 36in. concrete-lined cast-iron pipes with 300-yard tunnel ..	Direct labour; part not yet let	350,000	Sept. 1955	1958
		24in. branch main and boosting plant for Fleetwood supply	Direct labour; W. H. Allen & Son, Ltd.	55,000	Nov. 1955	1958
Glasgow Corpn. Water Dept.	Glasgow Corpn. Water Dept.; *S. D. Canvin, M.I.C.E.*; F. A. Macdonald & Partners	Service reservoirs and water towers ..	Holst & Co., Ltd.	105,000	Mar. 1953	Sept. 1957
Ditto	Glasgow Corpn. Water Dept.; *S. D. Canvin, M.I.C.E.*	Glen Finglas: intake works and tunnel 2½ miles long	A. A. Stuart & Sons, Ltd.	866,000	Feb. 1955	1958
		Glasgow Eastern Areas: secondary and distribution mains	Direct labour; Staveley Iron & Chem. Co., Ltd.; Stanton Ironworks Co., Ltd.; Cochranes (Middlesbro') Foundry, Ltd.; Turners Asbestos Cement Co., Ltd.; Glenfield & Kennedy, Ltd.; Guest & Chrimes, Ltd.	275,000	1954	1958
Horncastle R.D.C.	John H. Haiste and Partners (incorporating Silcock and Simpson)	Water mains, reservoirs	W. Emerson; part not yet let ..	505,000	1950	—
Borough of Louth..	Ditto	Bores, pumping station, reservoir, treatment plant	F. Smith & Son (Grimsby), Ltd.	150,000	1954	—
Louth R.D.C. ..	Ditto	Mains, reservoirs	H. O. Andrews, Ltd.; Squire W. Swift, Ltd.	750,000	1949	—
Borough of Morley	Ditto	Water mains	T. C. Stewart, Ltd.; Staveley Iron and Chem. Co., Ltd.; Stewarts & Lloyds, Ltd.	400,000	1956	1958
East Retford R.D.C.	Ditto	Bores, reservoir and mains	F. Smith & Son (Grimsby), Ltd.; Grocock & Day, Ltd.; Squire W. Swift, Ltd.; part not yet let	160,000	1956	—
Ripon and Pateley Bridge R.D.C.	Ditto	Reservoir, mains and pumping station ..	H. O. Andrews, Ltd.; Sulzer Bros. (London), Ltd.; part not yet let	200,000	1956	—
Howden R.D.C. ..	Ditto	Water mains	Squire W. Swift, Ltd.; W. & J. Glossop, Ltd.	50,000	1956	1957
Dore and Bredwardine R.D.C.	Ditto	Reservoirs, pumping station and mains ..	Costelloe & Kemple, Ltd. ..	100,000	1957	1958
Rolls Head service reservoir	Halifax Corpn. Waterworks; *A. I. Grey, A.M.I.C.E.*	Covering and lining existing 6 m.g. reservoir	Russell Building & Contr. Co., Ltd.	80,000	Apr. 1956	1958
Brixham and Paignton U.D.C.	Harvey, McGill & Hayes.	Alston reservoir: 2½ m.g., and connecting mains	R. Costain, Ltd.	123,700	Dec. 1956	1957
Paignton U.D.C. ..	Ditto	Fernicombe reservoir: 1m.g., and connecting mains	J. Dennis & Son, Ltd.	53,900	Dec. 1956	1957
Tiverton R.D.C. ..	Ditto	Nine miles mains, 9in. to 4in., reservoir: small sewage disposal works	C. P. Unwin & Sons, Ltd.	104,500	Dec. 1956	1957
Wellington R.D.C.	Ditto	S. W. Parishes: 14 miles mains, reservoirs and pumping stations	Not yet let	131,500	Dec. 1957	Mar. 1959

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Jersey New Waterworks Co., Ltd.	T. & C. Hawksley	Val-de-la-Mare reservoir	Direct Labour	800,000	Oct. 1957	1960
Rugby Corpn. ..	Ditto	Stanford reservoir: increasing capacity	J. Howard & Co., Ltd.	120,000	1957	1958
Staffordshire Potteries Water Board	G. H. Hill & Sons (Manchester)	Boreholes, pumping stations and plant ..	G. Stow & Co., Ltd.; G. P. Trentham, Ltd.; W. H. Allen, Sons & Co., Ltd.; Ball & Robinson	340,000	1951	1958
W. Cheshire Water Board	Ditto	River Dee supply: pipelines, treatment plant, service reservoirs, etc.	R. G. Horton (Engrs.), Ltd.; Candy Filter Co., Ltd.; Lane Bros. (Bldrs.), Ltd.; Harland Eng. Co., Ltd.; Mears Bros. (Contrs.), Ltd.	1,017,000	1953	1958
Heywood & Middleton Water Board	Ditto	Pipelines, buildings, treatment plant, etc.	Permutit Co., Ltd.; J. Berry, Ltd.; Clay Cross, Ltd.; Wallace & Tiernan, Ltd.	56,000	1956	1958
North East Derbyshire Joint Water Committee	Ditto	Impounding reservoir, earth dam	Lehane, Mackenzie & Shand, Ltd.	600,000	1955	1958
Stockport Corpn.	Ditto	Reconditioning impounding reservoirs ..	Reed & Mallik, Ltd.	150,000	1955	1958
Bedford Corpn. ..	Ditto	Pipelines, storage reservoir, treatment works, plant, etc.	Hussey Egan & Pickmere, Ltd.; J. Miller & Ptnrs., Ltd.; W. H. Allen, Sons & Co., Ltd.; Harland Eng. Co., Ltd.; Permutit Co., Ltd.	414,000	1956	1958
Kingston - upon - Hull Corpn.	Ditto	River Hull abstraction scheme: reservoirs, intakes and pipelines, treatment plant, pumps, buildings, etc.	A. E. Farr, Ltd.; A. Monk & Co., Ltd.; Wallace & Tiernan, Ltd.; Paterson Eng. Co., Ltd.; Sulzer Bros. (London), Ltd.; Glenfield & Kennedy, Ltd.	1,500,000	1956	1959
Accrington District Water Board	Ditto	Reconditioning impounding reservoirs ..	Elliott Bros. (Wortley), Ltd.; H. Wimpenny & Co.	45,000	1956	1958
Lleyn R.D.C. ..	Howard Humphreys & Sons	Cwmystradllyn water supply scheme and dam, treatment plant, service reservoirs and 114 miles 18in. to 3in. mains	Hussey Egan & Pickmere, Ltd.; Reed & Mallick, Ltd.; Candy Filter Co., Ltd.; C. Hughes & Co., Ltd.; part not yet let	1,084,000	1955	—
Andover R.D.C. ..	Ditto	Regional water supply scheme: service reservoir and 50 miles 10in. to 3in. mains	Direct labour; North Wilts Sanitary & Heating Co., Ltd.; Harland Eng. Co., Ltd.; Sturgess Bros.; Norwest Constr., Ltd.; part not yet let	230,000	1954	1958
Towcester R.D.C. ..	Ditto	Regional water supply scheme	Bosworth & Wakeford, Ltd. ..	135,000	1955	1957
E. Kesteven R.D.C.	Ditto	Regional water supply scheme: 18 miles of mains 12in. to 4in.	Stamford Constr., Ltd.	114,000	1955	1957
Leamington Spa B.C.	Sir Herbert Humphries & McDonald.	Two miles of main, pumphouse and equipment; service reservoir. 2 m.g.	H. Boot & Sons, Ltd.	100,000	1955	1957
		Impounding reservoir, 25 m.g.; river intake, pumping station and mains	Sulzer Bros., Ltd.; L. Scott (Electromotors), Ltd.; part not yet let	200,000	—	—
Ruthin R.D.C. ..	Ditto	Three service reservoirs (.25, .175 and .032 m.g.); pumping equipment, 17 miles of mains	R. Hughes & Co., Ltd.	100,000	1956	1958
Irwell Valley Water Board	Irwell Valley Water Bd.; *R. Wyllie, M.I.C.E.*	13½ miles 20in.-10in. dia. mains	J. E. Turner & Co., Ltd.	259,000	June 1956	Dec. 1957
		Nangreaves service reservoir, 2¼ m.g. ..	R. & T. Haworth, Ltd.	87,000	June 1957	June 1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Kingston - upon - Hull Corpn. Water Dept.	Kingston - upon - Hull Corpn. Water Dept.; *T. H. Jones, M.I.C.E.*	River Hull abstraction scheme: 36in.-30in. steel pipeline	Stewarts & Lloyds, Ltd.; A. Monk & Co., Ltd.; Whittaker Ellis, Ltd.; Glenfield & Kennedy, Ltd.	774,522	1956	1958
Kerrier R.D.C., Lizard, Mullion and Manaccan schemes	Herbert Lapworth Partners	Regional scheme covering Lizard peninsula. 50 miles 8in. to 3in. spun iron mains, intakes, treatment works, towers and service reservoir, 0.25 m.g.	Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.; E. Thomas & Co., Ltd.; Trethowen (Bldrs.), Ltd.; United Filters & Eng. Co., Ltd.	300,000	1953	1957
Kerrier R.D.C., Stithians scheme	Ditto	Roskrow Wood service reservoir, 1 m.g., 13 miles 8in. to 3in. mains, booster station	E. Thomas & Co., Ltd.	120,000	1957	1959
Carmarthen R.D.C. Llawddog regional scheme	Ditto	25 miles 8in. to 3in mains, treatment works, pumping machinery and service reservoir, 0.4 m.g.	Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.; Turners Asbestos Cement Co., Ltd.; Williams Bros.; Glyn Davies (Kidwelly), Ltd.; Harland Eng. Co., Ltd.; Arnold Eng. & Constr. Co., Ltd.; D. J. Ryan & Sons, Ltd.	150,000	1953	1957
Carmarthen R.D.C., eastern area regional scheme	Ditto	35 miles 9in. to 3in. mains, intake in lake Llyn Llech Owen, borehole, treatment works and service reservoir, 25 m.g.	Staveley Iron & Chem. Co., Ltd.; Glenfield & Kennedy Ltd.; G. Stow & Co., Ltd.; D. J. Ryan & Sons, Ltd.	250,000	1955	1958
Workington Corpn.	Ditto	Stainburn service reservoir, 3 m.g., and ancillary works	J. Laing & Son, Ltd.; Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.	80,000	1956	1958
Lowestoft Water Company	Ditto	9 miles 10in. pumping main, booster station	Staveley Iron & Chem. Co., Ltd.; F. W. Shanks, Ltd.	70,000	1957	1958
Fareham U.D.C. ..	Ditto	3½ miles 12in. and 9in. mains, pumping machinery and ancillary works	Staveley Iron and Chem. Co., Ltd.; Guest & Chrimes, Ltd.; Harland Eng. Co., Ltd.	60,000	1957	1958
Medway Water Board	Herbert Lapworth Partners; A. H. S. Waters & Partners	11 miles 18in. trunk main	Stanton Ironworks Co., Ltd.; Cochranes (Middlesbro'), Ltd.; Glenfield & Kennedy, Ltd.; W. Press & Sons, Ltd.	250,000	1957	1958
		Cobham Park service reservoir, 2 m.g., 3 miles 18in. trunk main	Not yet let	120,000	1958	1959
Maryport U.D.C. & Cockermouth R.D.C.	Eric G. Ledlard	Joint water supply scheme	Not yet let	320,000	—	—
Morpeth R.D.C. ..	Ditto	Broadlyne water supply scheme	Not yet let	70,000	—	—
Leeds Corpn. Waterworks Dept.	Leeds Corpn. Waterworks Dept.; *K. L. Forster, M.I.C.E.*	Eccup filtration works and pumping station	Paterson Eng. Co., Ltd.; Sulzer Bros. (London), Ltd.	153,600	1957	1959
		Moortown East service reservoir, 5 m.g.	Yorkshire Hennebique Contr. Co., Ltd.	133,828	1955	1957
		4,530 yds. of 36in. cast-iron main	Direct labour; Staveley Iron & Chem. Co., Ltd.	205,000	1953	1958
		Headingley filtration works, pumping station and 29in. pumping main	W. G. Birch (Harrogate), Ltd.; Sulzer Bros. (London), Ltd.; A. Monk & Co., Ltd.	95,500	1954	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Leicester Corpn. Water Dept.	Leicester Corpn. Water Dept.; *Hal Wallhounse, M.I.C.E.*	Modernisation of filtration and pumping stations at Cropston, Swithland, Hallgates and Thornton	Harland Eng. Co., Ltd.; Gwynnes Pumps, Ltd.; Glenfield and Kennedy, Ltd.; Paterson Eng. Co., Ltd.; Wallace & Tiernan, Ltd.; Galliford, Ltd.; T. Woods (Leicester), Ltd.; direct labour	183,600	1954	1958
Amesbury R.D.C.: regional supply, Bourne Valleys	Lemon & Blizard	R.C. service reservoir, 1 m.g. borehole pumping station, 15 miles of spun iron mains up to 8in. dia.	Vibrated Concrete Constr. Co., Ltd.; T. Carey & Son, Ltd.; James & Crockerell, Ltd.; Harland Eng. Co., Ltd.	150,000	1957	1958
Bridgwater R.D.C.	Ditto	6½ miles 4in. to 10in. spun iron mains, two r.c. reservoirs 0.3 and 0.15 m.g.; auto-pneumatic pumping station	E. C. Gordon, Ltd.; Pulsometer Eng. Co., Ltd.; M. Hill, Ltd.; Staveley Iron & Chem. Co., Ltd.	74,000	1955	1957
Gipping R.D.C. ..	Ditto	Main water supply scheme: three pumping and distribution mains, water towers, total capacity 0.5 m.g.	Biggs, Wall & Co., Ltd.; Stanton Ironworks Co., Ltd.; Turners Asbestos Cement Co., Ltd.; Glenfield & Kennedy, Ltd.; Vibrated Concrete Constr. Co., Ltd.	50,000	1953	—
Kingsclere & Whitchurch R.D.C.	Ditto	Northern area supply scheme: pumping station, 9 miles of main up to 9in. dia., r.c. reservoir	Collier & Catley, Ltd.; Pulsometer Eng. Co., Ltd.; L. J. Dixon, Ltd.; A. E. Chivers and Sons, Ltd.; Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.	75,000	1956	1957
		Southern area supply scheme: ½ m.g. r.c. reservoir, 3½ miles 4in./9in. dia. mains, enlargement of pumping station, etc	W. Ames & Co., Ltd.; Bridgewater Bros., Ltd.; Sulzer Bros. (London), Ltd.	50,000	1957	1958
Newport Pagnell R.D.C.	Ditto	22 miles 12in.-3in. dia. spun iron mains	G. Wimpey & Co., Ltd.; Stanton Ironworks Co., Ltd.; Glenfield and Kennedy, Ltd.	120,000	1954	1957
Romsey & Stockbridge R.D.C.	Ditto	Two r.c. reservoirs, 0.5 and 0.05 m.g.; borehole pumping station and 30 miles of spun iron mains up to 10in. dia.	S. M. Tidy, Ltd.; A. J. Dunning and Sons, Ltd.; Pulsometer Eng. Co., Ltd.; D. I. Williams, Ltd.	235,000	1954	1957
South Cambridgeshire R.D.C.	Ditto	Comprehensive supply: 18 miles mains up to 15in. dia.	E. J. Edwards (Norwich), Ltd.	85,000	1957	1958
South Devon Water Board	Ditto	Impounding reservoir, 305 m.g.; mass concrete gravity dam and access road	Tarmac, Ltd.; Stanton Ironworks Co., Ltd.; Glenfield and Kennedy, Ltd.; Cementation Co., Ltd.; Gilbert, Gilkes and Gordon; W. J. Glossop	800,000	1953	1958
		Plant to treat 2¾ m.g.d. from Avon dam; 1 m.g. filtered water reservoir	H. E. Hansford; Permutit Co., Ltd.	230,000	1957	1958
Thedwastre R.D.C.	Ditto	District scheme: 39 miles of 9in.-3in. spun iron distribution mains	Biggs, Wall & Co., Ltd.; Stanton Ironworks Co., Ltd.; J. Blakeborough & Sons	110,000	1955	1957
Stirling C.C... ..	J. & A. Leslie & Reid ..	Western regional water scheme; piping, filters and tanks	Stanton Ironworks; Staveley Iron & Chem. Co.; McBride & Co.; and others	336,000	1952	1958
Vyrnwy aqueduct	Liverpool Corpn. Water Dept.; *J. H. T. Stilgoe, M.I.C.E.*	River Weaver crossing	Cementation Co., Ltd.; South Durham Steel & Iron Co., Ltd.; Guest & Chrimes, Ltd.	122,000	1957	1959

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) (*continued*)				
Manchester Corpn.: Haweswater scheme	Manchester Corpn. Waterworks; *A. Atkinson, M.I.C.E.*	Intake and aqueduct from Swindale to Haweswater and second line of Mealbank and Greenbank Siphons	E. Nuttall, Sons & Co. (London), Ltd.	874,000	June 1955	1957
		Heltondale works for conveyance of intakes to Haweswater reservoir: "cut-and-cover" conduit and 8ft. 6in. dia. tunnel, 3¾ miles in all	Ditto	705,800	July 1957	1959
		9¼ miles of 48in. dia. steel pipes—Audenshaw siphon	Direct labour	476,000	Apr. 1954	1957
		28 miles of 54in. dia. steel pipes: Lunesdale, Hodder, Roch and Ribblesdale siphons, second line	Direct labour	1,483,000	July 1954	1958
		Construction of Woodgate Hill reservoirs	Direct labour	1,250,000	Mar. 1956	1961
		Supply of steel pipes	South Durham Steel & Iron Co., Ltd.	1,894,500	June 1954	1958
		Reconditioning Thirlmere aqueduct, first and second pipelines, between Walkden and Heaton Park—total length 16¾ miles	J. Mowlem & Co., Ltd.	176,800	July 1957	1957
Ashford Common	Metropolitan Water Board; *H. F. Cronin, M.I.C.E.*	Filtration works and pumping station, pumping mains and appurtenant works	J. Mowlem & Co., Ltd.	5,068,682	Sept. 1947	1958
Barnes Works ..	Ditto	10.8 m.g. covered filtered water balancing and storage reservoir and mainlaying	Howard Farrow, Ltd.	235,000	Aug. 1955	June 1957
Improvement of supplies in Chigwell area	Ditto	Booster station and connections at Chigwell; mains, 24 in. to 12 in.; 4.8 m.g. service reservoir at Chigwell, pumping station at Woodford	W. Press & Son, Ltd.; W. & C. French, Ltd.; S. G. & A. Agombar	475,850	Aug. 1954	1958
Hampton Works ..	Ditto	Reconstruction of low level slow sand filter beds	Direct labour	371,000	Mar. 1947	—
Kew Bridge Works	Ditto	4 m.g. covered r.c. suction and balancing reservoir	J. Howard & Co., Ltd.	176,900	May 1957	Feb. 1959
Nunhead Works ..	Ditto	Structural reconstruction and waterproofing the roof of four service reservoirs	Not yet let	80,000	Dec. 1957	Dec. 1958
Raw water main in tunnel, Thames to Lee Valley	Metropolitan Water Board; *H. F. Cronin, M.I.C.E.*; Sir William Halcrow & Partners.	Estimated cost of complete scheme £5,151,000:—				
		4 miles shield-driven tunnel from Walthamstow to Islington	A. Waddington & Son, Ltd. ..	850,000	Nov. 1955	1958
		4½ miles shield-driven tunnel from Kensington to St. Pancras	Kinnear Moodie & Co., Ltd. ..	868,900	Nov. 1955	1958
		4¼ miles 54 in. i.d. steel-lined mains in trench (Lee Valley), and 36 in. i.d. cast iron branches	W. Press & Son, Ltd.	640,022	Sept. 1956	May 1959
		4¾ miles shield driven tunnel from Hampton to Richmond Park; intake at Hampton	Kinnear Moodie & Co., Ltd. ..	818,900	Mar. 1957	Mar. 1959
Walton South reservoir	Metropolitan Water Board; *H. F. Cronin, M.I.C.E.*	4,300 m.g. storage reservoir, inlet and outlet works, etc.	W. & C. French, Ltd.	2,802,000	Jan. 1957	Dec. 1961
Durham County Water Board	L. G. Mouchel & Partners, Ltd.; Durham County Water Board; *A. C. Wildsmith, A.M.I.C.E.*	Mainsforth filtration and softening works, and pumping station of 2 m.g.d. capacity	G. W. Lazenby & Co., Ltd.; United Fitters & Eng., Ltd.; direct labour	157,000	Feb. 1956	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Rhymney Valley Water Board	Maurice Nachshen & Partners	Two 1 m.g. service reservoirs and main laying at Gwernau, South Wales	J. E. Jones & Co., Ltd.	97,000	1957	1958
Newcastle & Gateshead Water Company	Newcastle & Gateshead Water Company; *S. G. Barrett, M.I.C.E.*	R.C. covered service reservoir, 7½ m.g., and ancillary works at Fenham	Sir R. McAlpine & Sons, Ltd. ..	170,000	1957	1958
Market Harborough R.D.C.	Pick, Everard, Keay & Gimson	Water tower and distribution mains ..	F. Hickman & Co., Ltd.; Roads and Sewers, Ltd.; Crawshaw, Robbins & Co., Ltd.; Stanton Ironworks Co., Ltd.	52,000	1956	1957
Oundle & Thrapston R.D.C.	Ditto	Source works and distribution mains ..	Grocock & Day, Ltd.; E. J. Edwards Ltd.; F. Hickman and Co., Ltd.; and others	190,000	1954	1958
Ramsey & St. Ives Joint Water Board	Ditto	Eight miles 12in. dia. trunk main from Cambridge	Biggs, Wall & Co., Ltd.; Stanton Ironworks Co., Ltd.	99,000	1956	1957
Uppingham R.D.C.	Ditto	Source development, treatment plant and mains	W. & C. French, Ltd.; Candy Filter Co., Ltd.; Stamford Constr., Ltd.; Joseph Webster, Ltd.	60,000	1955	1958
Plymouth City Waterworks: River Tavy scheme	Plymouth City Water Dept.; *N. G. Elliot, M.I.C.E.*	18 m.g.d. rapid gravity filters; 4 m.g r.c. service reservoir, 27in. and 15in. pipelines. Pumping and hydro-electric generating station	Candy Filter Co., Ltd.; Stanton Ironworks Co., Ltd.; Humphreys, Ltd.; direct labour	470,000	1957	1959
Rickmansworth and Uxbridge Valley Water Company	Rickmansworth and Uxbridge Valley Water Company, *L. F. Hobbs, M.I.C.E.*	Two m.g. and 1 m.g. service reservoirs, 3 miles of 24in., 21in. and 12in. mains	A. Jackaman & Sons, Ltd.; J. Miller & Ptnrs., Ltd.; Stanton Ironworks, Ltd.; Whittaker Ellis, Ltd.	130,000	1956	1958
River Dove Water Board	River Dove Water Board; *Hal Wallhouse, M.I.C.E.*	Raw water aqueduct, 15,000 yds. 42in. prestressed concrete pipe, 160ft. span welded pipe arch	Kottler & Heron, Ltd.; Stanton Ironworks Co.; Horseley Bridge and T. Piggott, Ltd.; A. Monk and Co., Ltd.	390,000	Nov. 1956	Apr. 1958
		Intake and pumping station and weir reconstruction	Gee, Walker & Slater, Ltd.; Gwynnes Pumps, Ltd.; Lehane, Mackenzie & Shand, Ltd.; W. E. Farrer & Co., Ltd.	147,000	Mar. 1957	July 1958
		Treatment works and pumping station ..	Paterson Eng. Co., Ltd.; F.C. Construction Co., Ltd.; J. H. Fryer, Ltd.; W. H. Allen, Sons and Co., Ltd.; Standard Telephones & Cables, Ltd.	370,000	Nov. 1956	Jan. 1959
		Treated water aqueduct, 7,900 yds. 36in. prestressed concrete pipe and booster station; 12,7000 yds. 18in. distribution main	Kottler & Heron, Ltd.; Stanton Ironworks Co., Ltd.; W. H. Allen, Sons & Co., Ltd.; Clay Cross Co., Ltd.	347,000	Aug. 1957	July 1958
		Storage reservoir: earth dam—80ft. high 1,600ft. long, capacity 1,400 m.g. and ancillary works	Not yet let	—	—	—
		Road diversion	Chapman & Dowd	54,000	Mar. 1957	Dec. 1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*		£		
Anglesey C.C. ..	Rofe & Raffety	Distribution mains, extension to treatment works, cleaning and descaling mains	Stanton Ironworks Co., Ltd.; Blakeborough & Son, Ltd.; North Wales Constr. Co., Ltd.; Trinidad Lake Asphalt Co., Ltd.; United Filters Eng. Co., Ltd.; Paterson Eng. Co., Ltd.; General Descaling Co., Ltd.	66,000	1955	1957
Ennerdale R.D.C.	Ditto	Trunk and distribution mains, reservoirs, booster stations and treatment works	Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.; Border Eng. Co., Ltd.; and others	118,000	1954	1957
Borough of Weston-super-Mare	Ditto	Treatment plant reservoir, mains	Stanton Ironworks Co., Ltd.; J. Blakeborough & Sons, Ltd.; Permutit Co., Ltd.; and others	120,000	1955	1957
Guisborough U.D.C.	Ditto	Improvements to treatment works, bulk supply mains, service reservoir	W. Press & Son, Ltd.; J. Braim & Co., Ltd.; Tarslag, Ltd.	107,000	1955	1958
East Devon Water Board	Ditto	Trunk mains, distribution mains, reservoirs, boreholes and pumping stations	Stanton Ironworks Co., Ltd.; C. P. Unwin & Sons, Ltd.; Counties Plant Co., Ltd.; L. S. Sercombe; Harland Eng. Co., Ltd.; Sulzer Bros., Ltd.; T. Penberthy, Ltd.; J. Blakeborough, Ltd.	320,000	1954	1959
Borough of Taunton	Ditto	Impounding reservoir, trunk mains, treatment works and service reservoirs	Holland, Hannen & Cubitts, Ltd.; Stanton Ironworks Co., Ltd.; Cochranes (Middlesbro') Foundry, Ltd.; Staveley Iron & Chem. Co., Ltd.; Clay Cross Co., Ltd.; Glenfield & Kennedy, Ltd.; Candy Filter Co., Ltd.; Turners Asbestos Co., Ltd.	898,000	1956	1960
Wey Valley Water Co.	Ditto	Service reservoir and 9in. to 12in. spun iron mains, borehole and pumping plant	Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.; Hayward, Tyler & Co., Ltd.; Stow & Co., Ltd.; A. L. J. Davis (Contrs.), Ltd.; H. Baker; A. Ball & Co., Ltd.	164,000	1954	1957
Buxton Corpn. ..	Edward Sandeman, Kennard & Partners	Service reservoirs filter house and pipelines; filtration plant	Z. & W. Wade (Whaley Bridge), Ltd.; Bell Bros. (M/c 1927), Ltd.; P. Prendergast, Ltd.	150,000	1955	1958
Newhaven, Seaford and Ouse Valley Water Company	Ditto	14 miles 10in. trunk main	A. R. Moxham, Ltd.; Stanton Ironworks Co., Ltd.; Staveley Iron & Chem. Co., Ltd.; Glenfield & Kennedy, Ltd.	172,000	1955	1957
		0.25 m.g. water tower	J. K. Kier & Co., Ltd.			
Newquay & District Water Company	Ditto	Impounding reservoir and filtration plant	Not yet let	200,000	1958	1960
N.W. Sussex Joint Water Board	Ditto	Six miles 20/21in. dia. pipeline and 1 m.g. service reservoir	Bridgwater Bros., Ltd.; Staveley Iron & Chem. Co., Ltd.	130,000	1956	1958
		Five m.g. service reservoir	Wilson Lovatt & Sons, Ltd. ..	97,000	1957	1958

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) *(continued)*				
Tees Valley Water Board	Edward Sandeman, Kennard & Partners	Selset impounding reservoir, capacity 2,900 m.g.	Balfour, Beatty & Co., Ltd. ..	2,900,000	1955	1960
		Site exploration at two further reservoir sites	R. Costain, Ltd.; Cementation Co., Ltd.; G. Wimpey & Co., Ltd.	—	1956	1957
York Waterworks Company	Ditto	Pipelines and water tower	W. Press & Son; Currall, Lewis and Martin, Ltd.	160,000	1953	1957
Southampton Corpn.: Otterbourne Common reservoir	Southampton Corpn. Waterworks Dept.; *C. A. Bradley, M.I.C.E.*; L. G. Mouchel & Partners, Ltd.	R.C. covered service reservoir, 3 m.g. capacity	Shellabear Price Contrs., Ltd. ..	92,000	1957	1958
Scarisbrick scheme	Southport and District Water Board; *N. B. Bennett, A.M.I.C.E.*	Boreholes, pumping stations, treatment plant, mains, pressure control valves and reconditioning reservoir	J. Thom, Ltd.; Staveley Iron & Chem. Co., Ltd.; Stanton Ironworks Co., Ltd.; Glenfield & Kennedy, Ltd.; J. Blakeborough & Sons, Ltd.; J. E. Turner, Ltd.; Paterson Eng. Co., Ltd.; part not yet let	499,900	Jan. 1954	—
Staffordshire Potteries Water Board	Staffordshire Potteries Water Board; *C. V. Brown, M.I.C.E.*	27in. and 24in. steel and 18in. cast-iron mains, 2 m.g. service reservoir	Not yet let	338,000	—	—
		Boreholes, pumping station and plant ..	Le Grand, Sutcliffe & Gell; E. Timmins & Son; W. H. Allen, Sons & Co., Ltd.; part not yet let	76,000	—	—
Colne Valley Water Company	John Taylor & Sons ..	25 m.g. storage reservoir	J. Miller & Ptnrs., Ltd.	316,000	1954	1957
Borough of Kings Lynn	Ditto	Reservoir, water mains and pumping station	F. W. Shanks, Ltd.; W. Ames, Ltd.; Harland Eng. Co.	267,000	1954	1957
Borough of Ballymena	Ditto	Water treatment plant	Candy Filter Co., Ltd.; part not yet let	62,000	1957	1958
Haverfordwest Borough	Ditto	Reservoir and mains	Parsons Bros.; Jennings, Ltd. ..	50,000	1955	1957
Blofield and Flegg R.D.C.	Ditto	Water tower and mains	Biggs, Wall & Co., Ltd.; W. A. G. Johnson	288,000	1956	1958
Halstead R.D.C. ..	Ditto	Water mains	Biggs Wall & Co., Ltd.	190 000	1956	1957
Marlborough and Ramsbury R.D.C.	Ditto	Reservoir and water mains	Costelloe & Kemple, Ltd.	95,000	1957	1958
H. J. Heinz C., Ltd. (Kitt Green)	Ditto	Cooling water treatment plant	A. Monk & Co., Ltd.	180,000	1957	1958
Aberwstwyth R.D.C.	Ward, Ashcroft & Parkman	Southern division water scheme	J. Argent & Co.; Norwest Constr. Co., Ltd.; P. O'Boyle & Co.	150,000	1954	1958
Prescelly Water Bd.	Ditto	Intake schemes, Pont Hywel and Western Cleddau	Not yet let	550,000	1957	1958
Prescelly Water Bd.; Pembrokeshire C.C.	Ditto	Milford Haven tidal barrage: site investigation dams, sluices, etc.	Soil Mechanics, Ltd.	35,000	June 1957	Oct. 1957
			Not yet let	2,800,000	1958	—
Clitheroe M.B.C. ..	Ditto	Trunk main, treatment plant and borehole	U.K. Constr. Co.; T. Matthews, Ltd.	55,000	1956	1957
Hyde M.B.C. ..	Ditto	Reservoirs, mains, treatment plant ..	Not yet let	400,000	1957	—
Grange over Sands U.D.C.	Ditto	Dam, filter house and treatment plant ..	J. McGeoch & Sons, Ltd.	92,000	1955	1957
Connah's Quay U.D.C.	Ditto	Borehole supply: borehole, pumping mains and reservoir	Not yet let	240,000	1957	—

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (HOME) (*continued*)				
Brecknock R.D.C.	A. H. S. Waters & Partners	97 miles mains, eight service reservoirs, stream intake, treatment and pumping works	Davies, Middleton & Davies, Ltd.	650,000	Apr. 1953	Apr. 1958
Cricklade & Wootton Bassett R.D.C.	Ditto	Improvements to regional scheme	Not yet let	77,000	—	—
Drayton R.D.C. ..	Ditto	Pumping station and pipelines for northern area	R. H. Evans, Esq.	50,000	Mar. 1957	Aug. 1958
Evesham R.D.C. ..	Ditto	25 miles mains, two reservoirs and a water tower	D. I. Williams, Ltd.	125,000	Feb. 1956	Feb. 1958
Frome R.D.C. ..	Ditto	Water supply to western area	Counties Plant Co., Ltd.	70,000	Dec. 1956	Aug. 1958
Pershore R.D.C. ..	Ditto	38 miles mains and two reservoirs	Espley & Co., Ltd.	350,000	July 1952	Dec. 1957
Upton-upon-Severn R.D.C.	Ditto	Reservoir and pipelines for north-eastern area	Not yet let	95,000	—	—
Ross & Whitchurch R.D.C.	Ditto	Pumping station, reservoir and pipelines	Delaney & Brennan, Ltd.	52,000	Nov. 1957	Apr. 1959
Warwick R.D.C. ..	J. D. & D. M. Watson ..	Western area water supply; water towers, etc.	D. Thomas & Hill, Ltd.	147,750	Dec. 1957	June 1959
			Not yet let	54,000	—	—
Lydney R.D.C. ..	Ditto	District water supply	R. C. Moore, Ltd.; W. T. Nicholls, Ltd.	145,000	July 1954	1957
Shipston-on-Stour R.D.C.	Ditto	District water supply	Roads & Sewers, Ltd.	238,000	Apr. 1956	1957
Wolverhampton Corpn. Water Undertaking	Wolverhampton Corpn. Water Undertaking; *B. L. McMillan, M.I.C.E.*	24in. pumping pipeline	D. B. Evans (Bilston), Ltd., etc.	72,000	1956	1957
		Remodelling Tettenhall pumping station	W. H. Allen, Sons & Co., Ltd.,	57,000	1955	1958
		Extension of Dimmingsdale pumping station	W. H. Allen, Sons & Co., Ltd.; Five Oaks Estates, Ltd.	54,000	1955	1958
		Neachley pumping station	G. Stow & Co., Ltd.	100,000	1957	1959
		Copley pumping station	G. Stow & Co., Ltd.	50,000	1957	1959
		WATER SUPPLY (ABROAD)				
Govt. of Ghana. Tamale	D. Balfour & Sons ..	Tamale water supply: pumping main river intake, pumping and treatment works, reservoirs and water towers	A. Lang, Ltd.	700,000	June 1954	—
			Not yet let	600,000	—	—
Govt. of Ghana. Swedru and District	Ditto	Reservoir and dam	Not yet let	350,000	—	—
		Intake works, purification plant, pumping station and water towers	Not yet let	300,000	—	—
Kumasi College of Technology	Ditto	Booster station, water tower, distribution mains, etc.	Not yet let	80,000	—	—
Colombo Municipal Council	Binnie, Deacon & Gourley	Mass concrete dam, treatment plant and buildings	Chettinad Corpn., Ltd. (Ceylon); Paterson Eng. Co., Ltd.	1,600,000	1950	1958
Hong Kong: Tai Lam Chung scheme (Crown Agents for Oversea Governments and Administrations)	Ditto	Heightening of concrete gravity dam to 180ft.	Major Contractors, Ltd., Hong Kong	450,000	1955	1957
		Low gap dams 2 and 3	Ching Hing Constr. Co.	76,000	1955	1957
		Filter plant equipment and pumping plant, extension to 40 m.g.d.	Paterson Eng. Co., Ltd.; The Harland Eng. Co.	142,500	1956	1958
		Treatment works, extension to 40 m.g.d.	Paul Y Constr. Co.	60,500	1956	1958
		10 m.g. covered service reservoir	Ditto	110,000	1956	1957
Lusaka. Govt. of North Rhodesia (Crown Agents)	Ditto	Water softening plant and buildings ..	J. Howard & Co. (Africa), Ltd.; Paterson Eng. Co., Ltd.; Sir A. McAlpine (Rhodesia).	195,000	1954	1957

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (ABROAD) *(continued)*				
Lusaka Municipality (Crown Agents for Oversea Governments and Administrations)	Binnie, Deacon & Gourley	Borehole station, pipelaying buildings, pumping plants and prestressed concrete service reservoir	J. Howard & Co. (Africa), Ltd.; Harland Eng. Co., Ltd.; Sir A. McAlpine (Rhodesia); Patchell Steel Constr., Ltd.; H. Incledon & Co. (South Africa), Ltd.	220,000	1956	1958
Maltese Govt.: Malta Water Supply	Ditto	Geological investigation	R. Costain, Ltd.	246,000	1956	1958
		Covered mass concrete storage reservoir, capacity 20 m.g.	J. Darmanin (Malta)	295,000	1956	1958
		Construction of shafts and galleries ..	T. Penberthy, Ltd.	441,000	1956	1958
		Construction of shafts and galleries ..	J. Howard & Co. Ltd.	752,000	1957	1960
Nigeria. Ishan scheme (Crown Agents for Oversea Governments and Administrations)	Ditto	River intake works, four balancing tanks, pumping stations and pipe lines	Borini Prono (Nigeria), Ltd.; Sulzer Bros. (London), Ltd.; Braithwaite & Co., Ltd.; Stewarts & Lloyds, Ltd.; Turners Asbestos Cement Co., Ltd.	260.000	1955	1957
Penang. George Town M.C.	Ditto	Rolled earth fill embankment. 700ft. long, 140ft. high	Not yet let	1,500,000	1957	1962
War Dept.: Cyprus, Dhekelia scheme	Ditto	Mass concrete reservoir, 0.5 m.g.; control houses; submersible pumps; pipelaying	Sir L. Parkinson & Co., Ltd. ..	276,000	1956	1958
City of Whitehorse, Canada	Canadian-British Engineering Consultants	Water supply, reservoir, etc.	Prodor Constr., Ltd.	375,000	June 1956	Sept. 1957
Municipal Council of Ndola	Brian Colquhoun & Partners.	Water supply scheme	Roberts Constr. Co. (N.R.), Ltd.; J. Laing & Son (Rhod.), Ltd.; O. Grinaker (Rhod.) Pvt., Ltd.; J. Howard & Co. (Africa), Ltd.	800,000	Dec. 1953	1957
H.H. The Ruler of Kuwait	Ewbank & Partners, Ltd.	Two 1 m.g.d. sea water distillation plants	Kuwaiti Austrian Eng. Co. ..	194,000	1957	1957
H.H. The Ruler of Kuwait	Ewbank & Partners, Ltd.; John Taylor & Sons	Two 15 m.g. storage reservoirs	Contracting & Trading Co. ..	1,070,000	1955	1957
		Three m.g. storage reservoir	Austrian Kuwaiti Eng. Co. ..	210,000	1956	1957
		Pumping and distribution mains, pumping stations, water towers, etc.	Turner's Asbestos-Cement Co.; part not yet let	2,916,000	1957	—
Government of Fiji	Sandford Fawcett & Partners	Suva water supply: treatment plant and reservoir	Direct labour	250,000	Dec. 1957	—
Tehran Water Board	Sir Alexander Gibb & Partners	Piped water supply to City of Tehran ..	Local contractors British and Foreign suppliers of plant and materials	10,000,000	1948	1957
Gash Board, Sudan	Ditto	Boreholes, distribution pipework and storage for water supply	Various supply contracts placed	350,000	Dec. 1955	July 1957
Colony of the Gambia	Howard Humphreys & Sons	Bathurst water tank and new mains ..	Direct labour; Braithwaite, Ltd.	90,000	1955	1958
Government of Sierra Leone	Ditto	Water supply of Bo: river pumped supply, treatment plant, mains and reservoirs	Direct labour; Constr. and Furniture Co. (West Africa), Ltd.; English Electric Co., Ltd.; United Filters & Eng. Ltd.	353,000	1954	1958
		Freetown water supply: Guma Valley scheme. Dam treatment works, tunnel, trunk mains, service reservoirs	Taylor Woodrow (West Africa), Stewarts & Lloyds Ltd.; direct labour; part not yet let	3,000,000	1954	—
Government of Cyprus	Ditto	Nicosia supply: Morphou Bay scheme. Reservoir pumping station and trunk main	J. R. Wallis & Co., Ltd.; part not yet let	750,000	1957	1960

Title of scheme and/or purchasing authority	Consulting engineers or supervising authority	Nature of scheme and notes	Main contractors	Estimated cost £	Date of starting	Date of completion
		WATER SUPPLY (ABROAD) (*continued*)				
Government of Trinidad and Tobago	Howard Humphreys & Sons	Tobago supply: trunk and distribution mains, pumping station and service reservoirs	Direct labour; part not yet let	150,000	1956	—
		Valsayn scheme: boreholes, mains, treatment works, pumping station, reservoir	Ash & Watson, Ltd.; Stewarts & Lloyds, Ltd.; Sulzer Bros. (London), Ltd.; Candy Filter Co.; Sumo Pumps, Ltd.	540,000	1955	1957
		Sum-Sum/San Fernando scheme; boreholes, mains, treatment works pumping station	Ash & Watson, Ltd.; Harold Tucker & Co., Ltd.; Stewarts & Lloyds, Ltd.; Sulzer Bros. (London), Ltd.; Candy Filter Co., Ltd.	600,000	1955	1958
		Chimborazo scheme: boreholes, mains, reservoirs, treatment works, pumping station	Ash & Watson, Ltd.; H. Tucker & Co., Ltd.; Horseley Bridge & T. Piggott Ltd.; Stewarts & Lloyds, Ltd.	250,000	1955	1958
		Waller Field scheme: main and reservoirs	Stevenson Ptnrs.; Stanton Ironworks Co., Ltd.	165,000	1955	1957
		Barrackpore scheme: boreholes, mains and reservoirs	J. N. Harriman & Co.; H. Tucker & Co., Ltd.; Stanton Ironworks Co., Ltd.	169,000	1955	1957
		Navet dam	J. Mowlem & Co., Ltd.	1,300,000	1957	1960
		Navet dam: trunk main	Stewarts & Lloyds, Ltd.; part not yet let	190,000	1956	1958
Libyan Public Development and Stabilisation Agency	Ditto	Water supply	United Filters & Eng., Ltd.; part not yet let	235,000	1958	1959
Nairobi City Council	Howard Humphreys & Sons (East Africa)	Second Ruiru-Sasumua pipeline	Patchett Steel Constr. (Pte.), Ltd.; part not yet let	800,000	1957	1960
Government of The Sudan	Ditto	Water and electricity scheme, Shendi, Dueim, Hasaheisa, Rufa's and Berber ..	Constr. & Eng. Works; El Hag Ahmed Abu Zeid; Kronfli & Daghir	340,000	1955	1958
Govt. of Tanganyika Territory	Ditto	Tanga: new boreholes, service reservoir and distribution	Adsco Ltd.; Tanganyika Eng. & Constr. Co. (1950), Ltd.	220,000	1954	—
Government of Kenya	Ditto	Water supply, Northern Frontier Province and Samburu District	Direct labour	420,000	1950	1957
Government of Ceylon	Husband & Co.	Water supply to towns south of Colombo: (in conjunction with Eau et Assainissement)	Socoman	3,000,000	1956	1958
Gal Oya Development Board, Ceylon	Ditto	Water supply: Amparai and Inginyagala	Not yet let	200,000	—	—
Nyasaland Govt. ..	Scott & Wilson, Kirkpatrick & Partners.	Lilongwe Water Supply	Direct labour	74,000	1953	1957
Govt. of Qatar ..	J. D. & D. M. Watson ..	Brackish water suply for Doha	Darwish Bros., Qatar	175,000	Sept. 1957	Dec. 1958
North Borneo Govt.	Sir Bruce White, Wolfe Barry & Partners.	Jesselton town water supply	Hume Industries (Far East), Ltd.; Gwynnes Pumps, Ltd.; Braithwaite & Co. Struct., Ltd.; and local	230,500	1956	1958